

# Vapor Intrusion Sampling Report

## Former Unisys Facility, Site # 130045

### Lake Success, New York

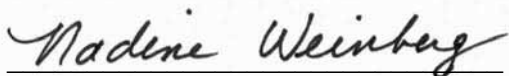
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Lockheed Martin Corporation

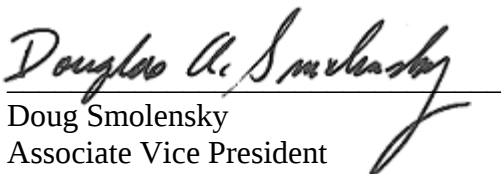
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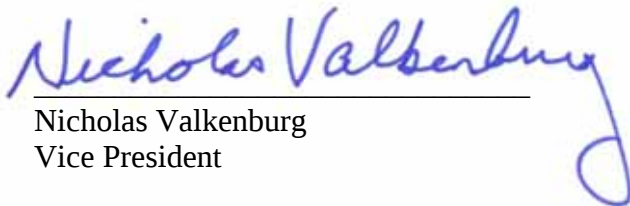
Date: November 2013



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# Acronyms and Abbreviations

|                          |                                                         |
|--------------------------|---------------------------------------------------------|
| ALS-CAS                  | Columbia Analytical Services                            |
| bgs                      | below ground surface                                    |
| HVAC                     | heating, ventilation, and air conditioning              |
| $\mu\text{g}/\text{m}^3$ | micrograms per cubic meter                              |
| NSLIJ                    | North Shore Long Island Jewish Health System            |
| NYSDEC                   | New York State Department of Environmental Conservation |
| NYSDOH                   | New York State Department of Health                     |
| NYTM                     | New York Times Maintenance Shop                         |
| OMM                      | Operation, Maintenance, and Monitoring                  |
| PCE                      | tetrachloroethene                                       |
| SOP                      | standard operating procedure                            |
| SSDS                     | sub-slab depressurization system                        |
| TCE                      | trichloroethene                                         |
| USEPA                    | U.S. Environmental Protection Agency                    |
| VI                       | vapor intrusion                                         |
| VOC                      | volatile organic compound                               |

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## Section 1

# Introduction

On behalf of Lockheed Martin Corporation (Lockheed Martin), ARCADIS of New York, Inc. (ARCADIS) has prepared this Vapor Intrusion Sampling Report (VI Sampling Report) to evaluate the potential for sub-slab vapor intrusion into indoor air at the former Unisys Facility (Site) located in Lake Success, New York (Site No.130045). This Site has previously been referenced as being in Great Neck, New York. Evaluation of volatile organic compounds (VOCs) in sub-slab soil vapor and indoor air has been ongoing at the Site since requested by the New York State Department of Environmental Conservation (NYSDEC) in 2006. This report presents data collected during both a site-wide vapor intrusion sampling event and a nested well soil vapor sampling event conducted concurrently during February and March 2013. Data collected to monitor sub-slab depressurization system (SSDS) performance are also briefly discussed. The previous 2012 VI Sampling Report documented data collected between February and March 2012, and was submitted to NYSDEC in September 2012 (ARCADIS 2012).

The Vapor Intrusion Monitoring Work Plan for 2013 (Work Plan; ARCADIS 2013a) associated with this sampling event was submitted on February 7, 2013 and approved by NYSDEC on February 15, 2013. This VI Sampling Report presents a brief summary of the Site background, including a description of the various sampling events that have occurred at the Site between March 2007 and March 2013, sampling methodology, the 2013 sampling event results, and an evaluation of the 2013 VI data.

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## Section 2

# Background and Site History

The Site was an active manufacturing facility from its startup in 1941 until approximately 1995, when all manufacturing activities ceased. However, some assembly, integration, prototype development and testing, and/or engineering and administrative activities were still being conducted at the facility through early 1999. The facility was originally designed and built by the United States Government and was operated under a contract with Sperry Gyroscope Company (Sperry) from 1941 to 1951. In 1951, the property was sold to Sperry, which merged with Burroughs in 1986 to form the Unisys Corporation. In 1995, Loral Corporation (Loral) acquired assets of Unisys Defense Systems, a division of Unisys Corporation. In early 1996, the electronics and systems integration businesses of Loral were purchased by Lockheed Martin. The property was sold by Lockheed Martin in early 2000 to iPark, Lake Success, LLP (iPark), which converted the buildings to commercial rental space. The current owner of the property is Apollo Lake Success Property, LLC and 1111 Marcus Avenue Unit 2 Owner, LLC. Presently, the building houses a number of tenants including, but not limited to, corporate offices, a small cafeteria, outpatient hospital services, distribution centers, maintenance spaces, and a fitness center. The Site location is shown on Figure 1.

In February 2005, the New York State Department of Health (NYSDOH) released draft Guidance for Evaluating Soil Vapor Intrusion in the State of New York which was finalized in October 2006 (VI Guidance; NYSDOH 2006). In response to the release of this guidance and at the request of NYSDEC, ARCADIS, on behalf of Lockheed Martin, conducted an initial indoor air and sub-slab soil vapor quality investigation in 2007. Annual monitoring of sub-slab soil vapor and indoor air quality has been performed on a regular basis since 2007. Figure 2 provides a general overview of the 13 major vapor sampling events conducted between 2007 and 2013.

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## Section 3

# Sub-slab Soil Vapor and Indoor Air Sampling Events

Since March 2007, ARCADIS has conducted 13 major sampling events (including events discussed in this report) to evaluate sub-slab soil vapor and indoor air quality at the Site. Data from these past sampling events have been presented in past reports as shown in the timeline contained in Figure 2 (ARCADIS 2008, 2009a, 2011a, 2011b, 2012).

This report focuses on site-wide indoor air, sub-slab soil vapor and nested soil vapor well sampling conducted during February and March of 2013. Consistent with previous sampling events, the site-wide sampling event focused on obtaining information on the concentrations and extent of VOCs, namely trichloroethene (TCE) and tetrachloroethene (PCE), in sub-slab soil vapor and indoor air. The nested well soil vapor sampling event focused on the same chemicals, but investigated them at various depths below ground surface (bgs).

In addition to sampling activities conducted in February and March 2013, ARCADIS has continued to conduct monthly monitoring in the Antech and the Leased Spaces as part of the ongoing Operation, Maintenance, and Monitoring (OMM) of the two SSDS installed in those areas. Both SSDS were installed to address specific VOC detections above indoor air guidelines near these areas. The indoor air data associated with these OMM activities have been submitted to NYSDEC in a number of quarterly OMM reports with the latest report submitted during June 2013 (ARCADIS 2013b). Previously, the Allstate leasehold was included in the monthly monitoring, however, this leasehold was vacated and monitoring in the space was last conducted in December 2012. Because the indoor air data (and system data) associated with OMM activities have been previously provided, they are not presented here in detail.

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### **3.1 February and March 2013 Indoor Air and Sub-slab Soil Vapor Sampling**

A total of 79 sub-slab soil vapor samples, 98 indoor air samples, and 20 ambient air samples (one per day) were collected from locations around the former Unisys Facility between February 25 and March 23, 2013. Duplicate samples were also collected from 8 sub-slab soil vapor locations and 12 indoor air locations (10 percent of the total) during the sampling event and are presented in the data tables. As described in the Work Plan (ARCADIS 2013a), paired samples were collected to provide a complete site-wide data set during the 2013 heating season. Samples were collected to: (1) compare indoor air concentrations throughout the building to NYSDOH indoor air guidelines; and (2) evaluate any changes to the documented presence of TCE and/or PCE in sub-slab soil vapor.

Indoor air and sub-slab soil vapor samples were collected from existing locations throughout the Site. Locations sampled during February and March 2013 are identified in Table 1 and shown on Figure 3. As previously requested by NYSDOH, indoor air and sub-slab soil vapor samples were collected concurrently. Sample locations were selected to provide coverage of the entire building footprint and include permanent sub-slab soil vapor sample points as well as temporary and permanent sample points installed during installation of the SSDS.

Indoor air samples were collected from most locations or tenant spaces identified for sub-slab soil vapor sampling consistent with the Work Plan (ARCADIS 2013a). As outlined in the Work Plan, not all sampling locations had paired indoor air and sub-slab samples, especially if the sample locations were close together. Ambient air (outside) samples were collected outdoors and upwind of the former Unisys Facility on each sampling day. A number of samples could not be collected as identified in the Work Plan because the sampling points had been abandoned (either deemed destroyed during remodeling [SS-A1, SS-39, SS-C4], or covered with carpet during remodeling [SS-EI7]) due to building renovations, and have not been replaced.

All sample collection times were contingent on access from building tenants. Samples from the former Allstate leasehold, DealerTrack, Fensterman, LA Fitness, Leasing Office (Winthrop), Make-A-Wish, Stellae, and the North Shore Long Island Jewish Health System (NSLIJ) were collected on the weekend (as requested by the tenants). Sampling dates are identified on Table 1.

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In all cases, office materials (e.g., office supplies, cleaning supplies) stored in the building were left in place, whether or not employees were present. Samples collected both during the week and on the weekend were subjected to normal working conditions and heating, ventilation, and air conditioning (HVAC) usage. Based on conversations with facility managers, most HVAC systems are operational 7 days a week from 0700 to 2000 hours. Some HVAC systems in the building (Leased Space, Former New York Times Maintenance [NYTM], LA Fitness, and Antech) are operational 24 hours a day.

### **3.2 2013 Nested Well Soil Vapor Sampling**

As per the Work Plan (ARCADIS 2013a), a total of 54 soil vapor samples were collected beneath the building footprint from nested soil vapor well locations inside the former Unisys Facility between February 25 and March 23, 2013. Locations sampled during the sampling event are identified in Table 2 and on Figure 3. Six duplicate samples were also collected during the sampling event and are identified in the data tables. As described in the November 30, 2009 Perched Water and Vapor Intrusion Source Investigation (Nested Well Work Plan; ARCADIS 2009b) and subsequent correspondence, nested well soil vapor samples were collected to assess (1) occurrence and distribution of VOCs in vapors in the subsurface below and near the former Unisys Facility; and (2) possible soil sources of VOC vapors. Only the nested well soil vapor results collected during the 2013 investigation are discussed in this report. Previous nested well soil vapor sample results were presented in the last VI Sampling Report (ARCADIS 2012).

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## Section 4

# Sampling Methodology

Section 4 presents the methodology used to collect the sub-slab soil vapor, nested well soil vapor, indoor air, and ambient air samples. All work at the Site was completed in compliance with the Health and Safety Plan Addendum A-4 for the Soil Vapor Intrusion Evaluation (ARCADIS 2007).

### **4.1 Sub-slab Soil Vapor**

Sub-slab soil vapor samples were collected consistent with ARCADIS' standard operating procedures (SOP) as described in the Work Plan (ARCADIS 2013a), and in accordance with NYSDOH (2006) VI Guidance. Consistent with the SOP, after the initial helium test, tracer testing was reduced to 10 percent of samples for any re-sampling events. Helium tracer tests were successfully completed on six sub-slab soil vapor sample ports, during the 2013 site-wide sampling event.

Batch certified pre-cleaned 6-liter SUMMA canisters provided by ALS-Columbia Analytical Services (ALS-CAS) in Simi Valley, California were used to collect the sub-slab soil vapor samples. Samples were submitted to ALS-CAS for analysis using U.S. Environmental Protection Agency (USEPA) Method TO-15. Field duplicate samples were collected during sampling activities at approximately 10 percent of sample locations (8 samples). These duplicates were collected using a "T" connection and following the procedures outlined in the sub-slab soil vapor SOP.

### **4.2 Indoor Air**

Indoor air and ambient air samples were collected consistent with NYSDOH (2006) VI Guidance and described in the Work Plan (ARCADIS 2013a). All samples were collected using batch certified 6-liter SUMMA canisters obtained from ALS-CAS. Samples were submitted to ALS-CAS for analysis using USEPA Method TO-15. Ambient air samples were collected using the

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same methods as described for indoor air samples. Field duplicates were collected for approximately 10 percent of samples (12 samples).

### **4.3 Nested Well Soil Vapor Sampling**

Nested well soil vapor samples were collected consistent with ARCADIS' SOP as described in the draft Nested Well Work Plan (ARCADIS 2009b), and in accordance with NYSDOH (2006) VI Guidance. All samples from a nested well cluster were collected concurrently over an 8-hour time period. Each nested well contained sample ports at one to seven distinct depth intervals. Sample port collection points consist of a 1-foot sand-packed interval and are presented as the depth to the middle of this interval on Table 2. Consistent with the SOP, an initial helium leak test was performed on the shallowest sample port of each nested well. After the initial helium test, tracer testing was reduced to 10 percent of samples for any re-sampling events.

Batch certified pre-cleaned 6-liter SUMMA canisters provided by ALS-CAS were used to collect the nested well soil vapor samples. Samples were submitted to ALS-CAS for analysis using USEPA Method TO-15. Field duplicate samples were collected during sampling activities at approximately 10 percent of sample locations (6 samples). These duplicates were collected using a "T" connection and the procedures outlined in the sub-slab soil vapor SOP.

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## Section 5

# Results and Discussion

### 5.1. Sub-slab Soil Vapor and Indoor Air Sampling

Results of the February and March 2013 sampling investigation at the Site are presented by tenant location in Tables 3 through 15. Indoor air results for PCE and TCE continue to be below NYSDOH air guidelines of 100 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) for PCE and 5  $\mu\text{g}/\text{m}^3$  for TCE. Indoor air results for methylene chloride exceeded NYSDOH air guidelines of 60  $\mu\text{g}/\text{m}^3$  at sample locations IA-I7 and IA-I7E (down from 10 locations in 2012). However, methylene chloride is not a site-related compound (i.e., not linked to historical operations at the former Unisys Facility). The occurrence of methylene chloride was investigated and was determined to be associated with remodeling and tenant activities occurring at the time of the sample collection. A product containing methylene chloride was identified in the Display Technologies space (Material Safety Data Sheet is included in Appendix A); this tenant is thought to have been beginning to move into the leasehold during sampling.

All data collected during sampling investigations were validated by ARCADIS and were reviewed in accordance with USEPA and NYSDEC guidelines. Laboratory qualifiers, holding times, quality assurance blanks, analytical instrument tuning and calibration, surrogates, internal standards, laboratory control samples, duplicates, compound identification, and system performance were all examined during this process. Data usability summary reports are available upon request. Duplicate sample results, as presented in the data tables, are similar to parent sample results in all cases unless marked with a J qualifier to signify an estimated concentration due to an elevated relative percent difference between parent and duplicate samples.

Ambient air samples were also collected during the sampling event. Ambient air sample results are presented in Table 16. A total of 20 ambient air samples were collected from various locations outside the facility between February 25 and March 22, 2013. PCE was detected in four ambient air samples, AA-01 at 2.9 $\mu\text{g}/\text{m}^3$  on February 28, AA-06 at 2.5  $\mu\text{g}/\text{m}^3$  on March 7, AA-06 at 3.6

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$\mu\text{g}/\text{m}^3$  on March 15, and AA-14 at  $1.3 \mu\text{g}/\text{m}^3$  on March 16. TCE was not detected above  $0.25 \mu\text{g}/\text{m}^3$  (detection limit for TCE is  $0.1 \mu\text{g}/\text{m}^3$ ) in any ambient air sample.

As part of this evaluation and consistent with previous submissions, sub-slab soil vapor data collected during February and March 2013 were evaluated and plotted on figures. Figures were developed using the Geographic Information System software package developed by Spatial Analyst Tools. The sampling result data were interpolated to a raster using an inverse distance weighted average technique. Contours were created by analyzing the surface of the raster. Where data coverage was sparse or automated contouring produced unrealistic results, contours were reinterpreted and revised using professional judgment. ArcMap 9.3 and the Spatial Analyst extension were used in creating the figures for this report. The contoured results of the evaluation for sub-slab soil vapor are provided on Figures 4, 5, and 6 for PCE, TCE, and total VOCs, respectively.

Figure 4 shows that PCE concentrations are most elevated in the center of the building in NSLIJ unoccupied areas (SS-N9 and SS-K7), and the areas in the southern sections of the Stellae leasehold (SS-NYTM-1, SS-NYTM-2, SS-NYTM-3, SS-23). An additional area of elevated sub-slab PCE concentrations is located near the former NYTM leasehold (Figure 4).

Figure 5 illustrates that the highest sub-slab TCE concentrations are located in the central portion of the building near the SS-G9 and SS-E9 areas, Leasing Office (SS-38), unoccupied B2/B3 area (SS-B2B3 Center), unoccupied NSLIJ (SS-N9) areas, and in Polar (SS-1). An additional area of elevated sub-slab TCE concentrations is located in the Polar leasehold (SS-M17). The contour intervals that correspond to the NYSDOH mitigation thresholds of  $1,000 \mu\text{g}/\text{m}^3$  for PCE and  $250 \mu\text{g}/\text{m}^3$  for TCE are highlighted on Figures 4 and 5, respectively. Contoured total VOC results are presented on Figure 6. It is important to note that per the NYSDOH (2006) VI Guidance, mitigation is based on both indoor air and sub-slab soil vapor concentrations. In some cases, mitigation may be recommended even though sub-slab soil vapor concentrations are less than the mitigation thresholds identified above if TCE or PCE are detected in indoor air. The mitigation thresholds of  $1,000 \mu\text{g}/\text{m}^3$  for PCE and  $250 \mu\text{g}/\text{m}^3$  for TCE are used throughout Section 5 to identify areas of the building that would require mitigation regardless of indoor air results.

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Results of this most recent site-wide sampling event support results from previous sampling events. Contour maps show that SSDS located in the former Allstate and Antech leaseholds are effectively mitigating sub-slab soil vapor concentrations in these areas. Concentrations of PCE and TCE in sub-slab soil vapor in these areas generally remain below mitigation standards (Figures 4 and 5) and their absence infers the extent of the radius of applied SSDS vacuum and the overall success of these systems.

Where sub-slab soil vapor data from the same locations in 2012 and 2013 were available, sample results from the current sampling event (February/March 2013) were compared to sample results collected from the previous sampling event (March 2012). Comparison results were categorized by percent change of PCE, TCE, or total VOCs and graphically represented on Figures 7 through 9, respectively.

Indoor air and sub-slab soil vapor sampling results for each of the sampled areas are discussed separately below. The maximum concentrations of each analyte from either the parent or duplicate sample are presented.

#### **5.1.1 Advantage Funding**

Sample results for Advantage Funding are presented in Table 3. Co-located sub-slab soil vapor and indoor samples were collected from one location (IA-I11/SS-I11) March 5, 2013 in the Advantage Funding leasehold. PCE was detected in indoor air at  $1.1 \mu\text{g}/\text{m}^3$ , a concentration below the NYSDOH air guideline value of  $100 \mu\text{g}/\text{m}^3$ ; TCE was not detected in indoor air. TCE was detected at  $52 \mu\text{g}/\text{m}^3$  in sub-slab soil vapor sample SS-I11; well below the  $250 \mu\text{g}/\text{m}^3$  NYSDOH mitigation threshold. PCE was detected at  $15 \mu\text{g}/\text{m}^3$  in sub-slab soil vapor, well below the  $1,000 \mu\text{g}/\text{m}^3$  NYSDOH mitigation threshold.

#### **5.1.2 Antech**

Table 4 presents indoor air and sub-slab soil vapor data collected in the Antech leasehold on March 13, 2013. Four co-located sub-slab soil vapor and indoor air samples (17, J9, M11, and Q11) were collected March 13, 2013 from the Antech leasehold. Results of indoor air samples collected most recently from Antech as part of normal OMM activities are presented ARCADIS

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(2013b). OMM sample results confirm that concentrations of PCE and TCE in indoor air are below background concentrations throughout the year.

TCE was not detected in indoor air and PCE was detected in sample IA-M11 at  $1.5 \mu\text{g}/\text{m}^3$  at or near the ambient air concentration; a concentration below the NYSDOH air guideline value of  $100 \mu\text{g}/\text{m}^3$ . TCE was detected in sub-slab soil vapor in all four samples collected on March 13, 2013. Concentrations of TCE ranged from 2.6 to  $220 \mu\text{g}/\text{m}^3$ ; all below the NYSDOH mitigation threshold of  $250 \mu\text{g}/\text{m}^3$ . PCE was detected in all four sub-slab soil gas samples. Detected concentrations of PCE ranged from 3.3 to  $1,300 \text{ D } \mu\text{g}/\text{m}^3$  (D – diluted sample). Only one sample, SS-J9, exceeded the  $1,000 \mu\text{g}/\text{m}^3$  NYSDOH mitigation threshold for PCE.

### **5.1.3 DealerTrack**

Sample results for DealerTrack are presented in Table 5. Co-located sub-slab soil vapor and indoor air samples were collected from four locations (20, 22, A15, and E13) in the DealerTrack leasehold on March 16, 2013. TCE was detected in indoor air in one sample (IA-20) at  $0.24 \mu\text{g}/\text{m}^3$ ; a concentration below the NYSDOH air guideline value of  $5 \mu\text{g}/\text{m}^3$ . PCE was detected at  $0.90 \mu\text{g}/\text{m}^3$  in sample IA-A15 and  $0.96 \mu\text{g}/\text{m}^3$  in the duplicate sample at IA-E13; concentrations below the NYSDOH air guideline value of  $100 \mu\text{g}/\text{m}^3$ . TCE was detected in two of four sub-slab soil vapor samples, SS-20 at  $13 \mu\text{g}/\text{m}^3$  and SS-E13 at  $31 \mu\text{g}/\text{m}^3$ ; concentrations well below the NYSDOH mitigation threshold of  $250 \mu\text{g}/\text{m}^3$ . PCE was detected in all four sub-slab soil gas samples at concentrations ranging from 6.6 to  $46 \mu\text{g}/\text{m}^3$ ; all below the NYSDOH mitigation threshold of  $1,000 \mu\text{g}/\text{m}^3$ .

### **5.1.4 Display Technologies**

Sample results for Display Technologies are presented in Table 6. Co-located sub-slab soil vapor and indoor air samples were collected (I9) on March 13, 2013, and one indoor air sample was collected from I7E on March 21, 2013 in the Display Technologies leasehold. TCE was not detected in indoor air. PCE was detected at  $1.5 \mu\text{g}/\text{m}^3$  in sample IA-I7E; a concentration below the NYSDOH air guideline value of  $100 \mu\text{g}/\text{m}^3$ . TCE was detected in the sub-slab soil vapor sample at  $74 \mu\text{g}/\text{m}^3$ ; well below the NYSDOH mitigation threshold of  $250 \mu\text{g}/\text{m}^3$ . PCE was detected at  $24 \mu\text{g}/\text{m}^3$  in the sub-slab soil vapor sample; well below the NYSDOH mitigation threshold of  $1,000 \mu\text{g}/\text{m}^3$ .

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Methylene chloride was detected above the NYSDOH air guideline value of 60  $\mu\text{g}/\text{m}^3$  in one of the indoor air samples (IA-I7E). The detection of methylene chloride in indoor air above the NYSDOH air guideline was associated with remodeling or tenant activities in that space at the time of sample collection. In addition, methylene chloride has not been detected in sub-slab soil gas in nearby locations above 60  $\mu\text{g}/\text{m}^3$ .

#### **5.1.5 Abrams Fensterman**

On March 16, 2013, one indoor air sample was collected from sample point A102 in the Abrams Fensterman leasehold and the results of analyses are presented in Table 7. TCE was not detected and PCE was detected at 1.0  $\mu\text{g}/\text{m}^3$ ; a concentration below the NYSDOH air guideline value of 100  $\mu\text{g}/\text{m}^3$ . There is no sub-slab soil gas sample point currently installed in this leasehold.

#### **5.1.6 First American**

Sample results for First American are presented in Table 8. On March 12, 2013, one indoor air sample was collected from the First American lunch/annex space (IA-39). TCE was not detected and PCE was detected at 2.2  $\mu\text{g}/\text{m}^3$ ; a concentration below the NYSDOH air guideline value of 100  $\mu\text{g}/\text{m}^3$ . There is no sub-slab soil gas sample point currently installed in this leasehold.

#### **5.1.7 LA Fitness**

Sample results for LA Fitness and the Kidz Klub are presented in Table 9. Indoor air and sub-slab soil vapor samples were collected from the Kidz Klub and other LA Fitness spaces on March 9, 2013. In total, three indoor air and two sub-slab soil vapor samples were collected. TCE was detected in indoor air at 0.3  $\mu\text{g}/\text{m}^3$  in sample IA-13 and PCE was detected at 5.0  $\mu\text{g}/\text{m}^3$  in sample IA-13; concentrations below the NYSDOH air guideline values of 5 and 100  $\mu\text{g}/\text{m}^3$ , respectively. TCE was detected in sub-slab soil vapor in sample SS-14 at 4.2  $\mu\text{g}/\text{m}^3$  and at 71  $\mu\text{g}/\text{m}^3$  in sample SS-LAC8; both well below the NYSDOH mitigation threshold of 250  $\mu\text{g}/\text{m}^3$ . PCE was detected in sub-slab soil vapor at 21  $\mu\text{g}/\text{m}^3$  in sample SS-14 and at 22  $\mu\text{g}/\text{m}^3$  in sample SS-LAC8, below the NYSDOH mitigation threshold of 1,000  $\mu\text{g}/\text{m}^3$ .

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### **5.1.8 Leased Space**

Sample results for the Leased Space are presented in Table 10. Indoor air samples are collected monthly as part of the routine OMM sampling in the Leased Space. The most recent indoor air monthly samples are discussed in ARCADIS (2013b). OMM sample results confirm that concentrations of PCE and TCE in indoor air are below background concentrations throughout the year.

Indoor air and sub-slab soil gas samples were collected from four locations in the Leased Space on March 6 and 21, 2013. Neither TCE nor PCE were detected in indoor air.

TCE was detected in sub-slab soil vapor in three of the four samples at concentrations ranging from 13 to 93  $\mu\text{g}/\text{m}^3$ ; all below the NYSDOH mitigation threshold of 250  $\mu\text{g}/\text{m}^3$ . PCE was detected in sub-slab soil vapor in three of the four samples at concentrations ranging from 5.8 to 140  $\mu\text{g}/\text{m}^3$ ; concentrations well below the NYSDOH mitigation threshold of 1,000  $\mu\text{g}/\text{m}^3$ .

### **5.1.9 Make-A-Wish Foundation**

Sample results for the Make-A-Wish Foundation are presented in Table 11. One co-located sub-slab soil vapor and indoor air sample was collected from the Make-A-Wish Foundation leasehold on March 16, 2013. Neither TCE nor PCE were detected in indoor air. TCE was detected in sub-slab soil vapor at 60  $\mu\text{g}/\text{m}^3$ ; below the NYSDOH mitigation threshold of 250  $\mu\text{g}/\text{m}^3$ . PCE was detected in sub-slab soil vapor at 24  $\mu\text{g}/\text{m}^3$ , below the NYSDOH mitigation threshold of 1,000  $\mu\text{g}/\text{m}^3$ .

### **5.1.10 North Shore Long Island Jewish Health System**

Indoor air and sub-slab soil vapor results for NSLIJ leaseholds are contained in Table 12. Sub-slab soil vapor and indoor air samples were collected from multiple locations in the NSLIJ leasehold during the February and March 2013 sampling event. All sample results are presented in Table 12. In total, 29 indoor air and 19 sub-slab soil vapor samples were collected on March 7, 8, 10 and 17, 2013.

TCE was detected in two indoor air samples, IA-N9 and IA-Q5, both at 0.39  $\mu\text{g}/\text{m}^3$ . These detected concentrations of TCE are well below the NYSDOH air guideline of 5  $\mu\text{g}/\text{m}^3$  for TCE.

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PCE was detected in one indoor air sample, IA-N9 at  $3.8 \mu\text{g}/\text{m}^3$  and is well below the NYSDOH air guideline of  $100 \mu\text{g}/\text{m}^3$  for PCE.

TCE was detected in 17 sub-slab soil vapor samples collected from NSLIJ spaces March 2013. Detected concentrations of TCE in sub-slab soil vapor ranged from 1.1 to  $320 \mu\text{g}/\text{m}^3$ . Concentrations of TCE exceeded the  $250 \mu\text{g}/\text{m}^3$  NYSDOH mitigation threshold in one sample: SS-N9 at  $320 \mu\text{g}/\text{m}^3$ .

PCE was detected in 19 sub-slab soil vapor samples collected from NSLIJ spaces during March 2013. Detected concentrations of PCE in sub-slab soil vapor ranged from 1.6 to  $5,100 \mu\text{g}/\text{m}^3$ . Concentrations of PCE exceeded the  $1,000 \mu\text{g}/\text{m}^3$  NYSDOH mitigation threshold in four samples: SS-K7 at  $3,200 \mu\text{g}/\text{m}^3$ , SS-O7 at  $1,200 \mu\text{g}/\text{m}^3$ , SS-K8 at  $2,700 \mu\text{g}/\text{m}^3$ , and SS-N9 at  $5,100 \mu\text{g}/\text{m}^3$ .

Methylene chloride was detected above the NYSDOH air guideline value of  $60 \mu\text{g}/\text{m}^3$  in one of the indoor air samples (IA-I7). The detection of methylene chloride in indoor air above the NYSDOH air guideline was determined to be associated with remodeling or tenant activities in a neighboring space (Display Technologies) at the time of sample collection. A product containing methylene chloride was identified in the Display Technologies space (Material Safety Data Sheet is included in Appendix A). In addition, methylene chloride has not been detected in sub-slab soil gas in nearby locations above  $60 \mu\text{g}/\text{m}^3$ .

#### **5.1.11 Polar**

Results from the Polar leasehold are presented in Table 13. Paired sub-slab soil vapor and indoor air samples were collected from four locations (1, M17, M19 and Q17) in the Polar leasehold on March 4, 2013. TCE was detected in indoor air at  $0.20 \mu\text{g}/\text{m}^3$  in sample IA-1; below the NYSDOH air guideline value of  $5 \mu\text{g}/\text{m}^3$ . PCE was not detected in any indoor air sample. TCE was detected in all four sub-slab soil vapor samples at concentrations ranging from 77 to  $680 \mu\text{g}/\text{m}^3$ . Concentrations of TCE exceeded the  $250 \mu\text{g}/\text{m}^3$  NYSDOH mitigation threshold in one sample: SS-1 at  $680 \mu\text{g}/\text{m}^3$ . PCE was detected in all four sub-slab soil vapor samples at concentrations ranging from 66 to  $980 \mu\text{g}/\text{m}^3$ ; all below the NYSDOH mitigation threshold of  $1,000 \mu\text{g}/\text{m}^3$ .

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### **5.1.12 Stellae**

All sample results for the Stellae leaseholds are presented in Table 14. The main Stellae leasehold space was formerly referred to as the New York Times Distribution Center. Stellae's second leasehold is the eastern half of the former NYTM (Figure 3). Five indoor air samples (9, 25, 26, I15, M13) were collected from the main leasehold on March 23, 2013. Two additional indoor air and sub-slab soil vapor samples were collected from the Stellae space in the former NYTM area on March 21 and 22, 2013 (23 and NYTM-2). TCE was not detected in any indoor air samples. PCE was detected in indoor air in two samples including IA-23 at 3.4  $\mu\text{g}/\text{m}^3$  in the parent sample and 3.6  $\mu\text{g}/\text{m}^3$  in the duplicate sample, and IA-NYTM-2 at 3.8  $\mu\text{g}/\text{m}^3$ , well below the NYSDOH air guideline of 100  $\mu\text{g}/\text{m}^3$ . TCE was detected in both sub-slab soil vapor samples collected from the former NYTM area with SS-23 at 12  $\mu\text{g}/\text{m}^3$  in both the parent and duplicate samples and SS-NYTM-2 at 6.7  $\mu\text{g}/\text{m}^3$ ; all below the NYSDOH mitigation threshold of 250  $\mu\text{g}/\text{m}^3$ . PCE was also detected in both sub-slab soil vapor samples with SS-23 at 2,100  $\mu\text{g}/\text{m}^3$  and 1,900  $\mu\text{g}/\text{m}^3$  in the duplicate sample, and SS-NYTM-2 at 730 D  $\mu\text{g}/\text{m}^3$ .

### **5.1.13 Leasing Office and Other Winthrop Management Spaces**

All indoor air and sub-slab soil vapor results for Winthrop Management spaces are presented in Table 15. Winthrop Management currently occupies a leasing office located within the former Unisys Building. In addition, several spaces in the building are currently unoccupied or controlled and operated by Winthrop Management. These locations are labeled the former Allstate leasehold, Former Countrywide, B2/B3 (previously identified as the State Farm area), Cannon, the iPark Café, the Powerhouse, the western half of the former NYTM, and three storage areas located in the former Administration building (Figure 3). Locations in the former Administration building include a caged document storage area, the main janitorial supply room, and the main electrical room for the building. Of all the Winthrop spaces, only the iPark Café, the leasing office, the janitorial room, the Powerhouse, and the former NYTM are currently occupied. All other Winthrop spaces are unoccupied. Samples were collected from Winthrop Management spaces between February 22 and March 21, 2013. In total, 38 indoor air samples and 35 sub-slab soil vapor samples were collected from Winthrop spaces.

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TCE was detected in 8 sampling locations at concentrations ranging from 0.20 to 0.49  $\mu\text{g}/\text{m}^3$ ; these results are well below the NYSDOH air guideline of 5  $\mu\text{g}/\text{m}^3$ . PCE was detected in 12 sampling locations at concentrations ranging from 1.0 to 2.4  $\mu\text{g}/\text{m}^3$ ; well below the NYSDOH air guideline of 100  $\mu\text{g}/\text{m}^3$ .

TCE was detected in 30 out of 31 sub-slab soil vapor samples collected during February and March 2013 from Winthrop Management spaces. Detected concentrations of TCE ranged from 1 to 420  $\mu\text{g}/\text{m}^3$ . Concentrations of TCE exceeding the NYSDOH mitigation threshold of 250  $\mu\text{g}/\text{m}^3$  were detected at four sample locations; SS-B2B3-Center at 290  $\mu\text{g}/\text{m}^3$  in both the parent and duplicate sample, SS-E9 at 290  $\mu\text{g}/\text{m}^3$ , SS-G9 at 420  $\mu\text{g}/\text{m}^3$  in both the parent and duplicate sample, and SS-38 at 350  $\mu\text{g}/\text{m}^3$ .

PCE was detected in all sub-slab soil vapor samples from Winthrop areas. Detected concentrations ranged from 0.94 to 3,900  $\mu\text{g}/\text{m}^3$ . Concentrations of PCE at or exceeding the NYSDOH mitigation threshold of 1,000  $\mu\text{g}/\text{m}^3$  were detected in two sample locations; SS-NYTM-1 at 3,100  $\mu\text{g}/\text{m}^3$  and SS-NYTM-3 at 3,900  $\mu\text{g}/\text{m}^3$ .

## **5.2 Nested Well Soil Vapor Sampling Results**

The results of nested well soil vapor sampling under the building are presented in Table 17. All data were reviewed in accordance with USEPA and NYSDEC guidelines. Laboratory qualifiers, holding times, quality assurance blanks, analytical instrument tuning and calibration, surrogates, internal standards, laboratory control samples, duplicates, compound identification, and system performance are all examined during this process. Data usability summary reports are available upon request. As shown in the data tables, duplicate sample results are similar to parent sample results in all cases unless marked with a J qualifier due to elevated relative percent difference between parent and duplicate samples.

TCE was detected in all samples. PCE was detected in all samples except at VP-107 at a depth of 5 feet. PCE and TCE results are presented on Figure 10. Figure 11 presents cross-section locations and soil vapor sample locations. Contours of nested well soil gas data are presented for PCE and TCE on Figures 12 through 15 consistent with the cross sections. Vapor concentrations of both PCE and TCE were highest near the center of the building, with TCE concentrations higher than

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PCE. Vapor concentrations of VOCs were generally highest in the 40- to 60-foot bgs interval (Figures 12 through 15).

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## Section 6

# Summary

Indoor air concentrations of site-related constituents are all below the NYSDOH air guideline values. Concentrations of PCE and TCE in sub-slab soil vapor and nested soil vapor samples continue to be elevated in some locations below and around the former Unisys facility; however, all TCE and PCE concentrations in indoor air continue to remain below NYSDOH air guidelines. Concentrations of methylene chloride were detected in indoor air above its NYSDOH air guideline value; however, methylene chloride is not site-related (i.e., not linked to historical operations at the former Unisys Facility) and has been determined to be associated with tenant activities in the building. TCE was detected in all nested well samples. PCE were detected all in nested well samples except at location VP-107 at a depth of 5 feet. The highest detections of both TCE and PCE were found near the center of the building.

Monthly monitoring continues at the Antech and Leased Spaces. Since the installation of the SSDS in the Antech and former Allstate spaces, indoor air concentrations in these areas, as well as throughout the building have remained below air guidelines and are consistent with background levels.

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## Section 7

# References

1. ARCADIS. 2007. Addendum A-4: Health and Safety Plan Addendum for Soil Vapor Intrusion Evaluation, Former Unisys Site, Great Neck, New York. October.
2. ARCADIS. 2008. Vapor Intrusion Sampling Report and Sampling Work Plan. Former Unisys Corporation, Great Neck, New York, NYSDEC Site No. 130045. December.
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8. ARCADIS. 2013a. Vapor Intrusion Monitoring Work Plan for 2013. Former Unisys Corporation, Great Neck, New York. NYSDEC Site No. 130045. February.
9. ARCADIS. 2013b. Sub-Slab Depressurization Systems Operation, Maintenance, and Monitoring Report, January to March 2013. Former Unisys Facility, Lake Success, New York. June.

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10. New York State Department of Health (NYSDOH). 2006. Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. New York State Department of Health, Center for Environmental Health, Bureau of Environmental Exposure Investigation. October.

**Table 1. Sampling Summary for Indoor Air and Sub-slab Soil Vapor Sampling**  
**Former Unisys Facility, Lake Success, New York**

| Location             | Date                         | Sample ID   | Sub-Slab Sample | Indoor Air Sample | Ambient Air Sample |
|----------------------|------------------------------|-------------|-----------------|-------------------|--------------------|
| Advantage Funding    | Tuesday, March 05, 2013      | I11         | X               | X                 |                    |
| Antech               | Wednesday, March 13, 2013    | 17          | X               | X                 |                    |
| Antech               | Wednesday, March 13, 2013    | J9          | X               | X                 |                    |
| Antech               | Wednesday, March 13, 2013    | M11         | X               | X                 |                    |
| Antech               | Wednesday, March 13, 2013    | Q11         | X               | X                 |                    |
| Atrium               | Wednesday, March 13, 2013    | H10         |                 | X                 |                    |
| B2/B3                | Wednesday, February 27, 2013 | 40          | X               | X                 |                    |
| B2/B3                | Tuesday, February 26, 2013   | A11         | X               | X                 |                    |
| B2/B3                | Wednesday, February 27, 2013 | B2B3 Center | X               | X                 |                    |
| B2/B3                | Tuesday, February 26, 2013   | C11         | X               | X                 |                    |
| B2/B3                | Wednesday, February 27, 2013 | D12         | X               |                   |                    |
| B2/B3                | Tuesday, February 26, 2013   | F12         | X               | X                 |                    |
| B2/B3                | Wednesday, February 27, 2013 | G11         | X               | X                 |                    |
| Cannon               | Monday, February 25, 2013    | 36          | X               | X                 |                    |
| Cannon               | Monday, February 25, 2013    | A7          | X               | X                 |                    |
| Cannon               | Monday, February 25, 2013    | A9          | X               | X                 |                    |
| Cannon               | Monday, February 25, 2013    | E7          | X               | X                 |                    |
| Cannon               | Monday, February 25, 2013    | E9          | X               | X                 |                    |
| Dealertrack          | Saturday, March 16, 2013     | 20          | X               | X                 |                    |
| Dealertrack          | Saturday, March 16, 2013     | 22          | X               | X                 |                    |
| Dealertrack          | Saturday, March 16, 2013     | A15         | X               | X                 |                    |
| Dealertrack          | Saturday, March 16, 2013     | E13         | X               | X                 |                    |
| Display Technologies | Thursday, March 21, 2013     | I7E         |                 | X                 |                    |
| Display Technologies | Wednesday, March 13, 2013    | I9          | X               | X                 |                    |
| Fensterman           | Saturday, March 16, 2013     | A102        |                 | X                 |                    |
| First American       | Tuesday, March 12, 2013      | 39          |                 | X                 |                    |
| Former Allstate      | Thursday, February 28, 2013  | 15          | X               | X                 |                    |
| Former Allstate      | Wednesday, March 20, 2013    | 15          | X               | X                 |                    |
| Former Allstate      | Wednesday, March 20, 2013    | 16          | X               | X                 |                    |
| Former Allstate      | Wednesday, March 20, 2013    | 41          | X               | X                 |                    |
| Former Allstate      | Wednesday, March 20, 2013    | A17         | X               | X                 |                    |
| Former Allstate      | Thursday, February 28, 2013  | A19         | X               | X                 |                    |
| Former Allstate      | Wednesday, March 20, 2013    | A19         | X               | X                 |                    |
| Former Allstate      | Wednesday, March 20, 2013    | E17         | X               | X                 |                    |
| Former Allstate      | Thursday, February 28, 2013  | E19         | X               | X                 |                    |
| Former Allstate      | Wednesday, March 20, 2013    | E19         | X               | X                 |                    |
| Former Allstate      | Thursday, February 28, 2013  | G19         | X               | X                 |                    |
| Former Allstate      | Wednesday, March 20, 2013    | G19         | X               | X                 |                    |
| Former Countrywide   | Saturday, March 02, 2013     | G9          | X               | X                 |                    |
| Garage               | Thursday, March 21, 2013     | NYTM-1      | X               | X                 |                    |
| Garage               | Thursday, March 21, 2013     | NYTM-3      | X               | X                 |                    |
| iPark Café           | Saturday, March 02, 2013     | J11         | X               | X                 |                    |
| LA Fitness           | Saturday, March 09, 2013     | 13          |                 | X                 |                    |
| LA Fitness           | Saturday, March 09, 2013     | 14          | X               | X                 |                    |
| LA Fitness           | Saturday, March 09, 2013     | LAC8        | X               | X                 |                    |
| Leased               | Wednesday, March 06, 2013    | 2           | X               | X                 |                    |
| Leased               | Wednesday, March 06, 2013    | 3           | X               | X                 |                    |
| Leased               | Wednesday, March 06, 2013    | 4           | X               | X                 |                    |
| Leased               | Wednesday, March 06, 2013    | G15         | X               | X                 |                    |
| Leasing Office       | Saturday, March 16, 2013     | 38          | X               | X                 |                    |
| MAW                  | Saturday, March 16, 2013     | 6           | X               | X                 |                    |
| NSLIJ                | Sunday, March 17, 2013       | 7           | X               | X                 |                    |
| NSLIJ                | Sunday, March 17, 2013       | 28          |                 | X                 |                    |
| NSLIJ                | Sunday, March 10, 2013       | 29          |                 | X                 |                    |
| NSLIJ                | Sunday, March 17, 2013       | 35          |                 | X                 |                    |
| NSLIJ                | Sunday, March 17, 2013       | F5          |                 | X                 |                    |
| NSLIJ                | Sunday, March 17, 2013       | G4          | X               | X                 |                    |
| NSLIJ                | Thursday, March 07, 2013     | I3          | X               | X                 |                    |
| NSLIJ                | Sunday, March 17, 2013       | I5          |                 | X                 |                    |
| NSLIJ                | Sunday, March 17, 2013       | K4          | X               | X                 |                    |
| NSLIJ                | Thursday, March 07, 2013     | K7          | X               | X                 |                    |
| NSLIJ                | Friday, March 08, 2013       | N9          | X               | X                 |                    |
| NSLIJ                | Friday, March 08, 2013       | O7          | X               | X                 |                    |
| NSLIJ                | Sunday, March 10, 2013       | Q3.5        |                 | X                 |                    |
| NSLIJ Corridor       | Thursday, March 07, 2013     | K8          | X               | X                 |                    |
| NSLIJ-Admin Storage  | Friday, March 08, 2013       | Q5          | X               | X                 |                    |
| NSLIJ-Admin Storage  | Friday, March 08, 2013       | Q7          | X               | X                 |                    |
| NSLIJ-Amb Surg       | Sunday, March 10, 2013       | 30          |                 | X                 |                    |
| NSLIJ-Amb Surg       | Sunday, March 10, 2013       | Q1          | X               | X                 |                    |
| NSLIJ-Bioskills      | Friday, March 08, 2013       | I7          |                 | X                 |                    |
| NSLIJ-Cancer Center  | Sunday, March 10, 2013       | A3          | X               | X                 |                    |
| NSLIJ-Cancer Center  | Sunday, March 10, 2013       | C1          | X               | X                 |                    |
| NSLIJ-Main Street    | Thursday, March 07, 2013     | 33          | X               | X                 |                    |
| NSLIJ-Maint Office   | Thursday, March 07, 2013     | P3          | X               | X                 |                    |

**Table 1. Sampling Summary for Indoor Air and Sub-slab Soil Vapor Sampling**  
**Former Unisys Facility, Lake Success, New York**

| Location                | Date                         | Sample ID | Sub-Slab Sample | Indoor Air Sample | Ambient Air Sample |
|-------------------------|------------------------------|-----------|-----------------|-------------------|--------------------|
| NSLIJ-Mammo             | Sunday, March 10, 2013       | M3        | X               | X                 |                    |
| NSLIJ-Radiology         | Sunday, March 10, 2013       | 32        |                 | X                 |                    |
| NSLIJ-Radiology         | Sunday, March 10, 2013       | M1        | X               | X                 |                    |
| NSLIJ-Urology           | Sunday, March 10, 2013       | 34        |                 | X                 |                    |
| NSLIJ-Urology           | Sunday, March 10, 2013       | I1        | X               | X                 |                    |
| NSLIJ-Whse              | Sunday, March 17, 2013       | Q9        | X               | X                 |                    |
| Outside Polar           | Thursday, February 28, 2013  | 1         |                 |                   | X                  |
| Outside Polar           | Monday, March 04, 2013       | 1         |                 |                   | X                  |
| Outside Polar           | Wednesday, March 06, 2013    | 1         |                 |                   | X                  |
| Outside Stellae         | Saturday, March 23, 2013     | 4         |                 |                   | X                  |
| Outside Antech          | Wednesday, March 13, 2013    | 5         |                 |                   | X                  |
| Outside NSLIJ           | Thursday, March 07, 2013     | 6         |                 |                   | X                  |
| Outside NSLIJ           | Friday, March 08, 2013       | 6         |                 |                   | X                  |
| Outside NSLIJ           | Friday, March 15, 2013       | 6         |                 |                   | X                  |
| Outside Former Allstate | Wednesday, March 13, 2013    | 7         |                 |                   | X                  |
| Outside Former Allstate | Wednesday, March 20, 2013    | 7         |                 |                   | X                  |
| Outside NSLIJ           | Sunday, March 10, 2013       | 10        |                 |                   | X                  |
| Outside NSLIJ           | Sunday, March 17, 2013       | 10        |                 |                   | X                  |
| Outside Stellae         | Thursday, March 21, 2013     | 11        |                 |                   | X                  |
| Outside B2/B3           | Monday, February 25, 2013    | 12        |                 |                   | X                  |
| Outside B2/B3           | Tuesday, February 26, 2013   | 12        |                 |                   | X                  |
| Outside B2/B3           | Wednesday, February 27, 2013 | 12        |                 |                   | X                  |
| Outside B2/B3           | Saturday, March 02, 2013     | 12        |                 |                   | X                  |
| Outside B2/B3           | Tuesday, March 12, 2013      | 12        |                 |                   | X                  |
| Outside Cablevision     | Tuesday, March 05, 2013      | 14        |                 |                   | X                  |
| Outside Cablevision     | Saturday, March 16, 2013     | 14        |                 |                   | X                  |
| Polar                   | Monday, March 04, 2013       | 1         | X               | X                 |                    |
| Polar                   | Monday, March 04, 2013       | M17       | X               | X                 |                    |
| Polar                   | Monday, March 04, 2013       | M19       | X               | X                 |                    |
| Polar                   | Monday, March 04, 2013       | Q17       | X               | X                 |                    |
| Powerhouse              | Friday, March 15, 2013       | 24        | X               | X                 |                    |
| Powerhouse              | Friday, March 15, 2013       | POW-1     | X               | X                 |                    |
| Powerhouse              | Friday, March 15, 2013       | POW-2     | X               | X                 |                    |
| Powerhouse              | Friday, March 15, 2013       | POW-3     | X               | X                 |                    |
| Stellae                 | Saturday, March 23, 2013     | 9         |                 | X                 |                    |
| Stellae                 | Friday, March 22, 2013       | 23        | X               | X                 |                    |
| Stellae                 | Saturday, March 23, 2013     | 25        |                 | X                 |                    |
| Stellae                 | Saturday, March 23, 2013     | 26        |                 | X                 |                    |
| Stellae                 | Saturday, March 23, 2013     | I15       |                 | X                 |                    |
| Stellae                 | Saturday, March 23, 2013     | M13       |                 | X                 |                    |
| Stellae                 | Friday, March 22, 2013       | NYTM-2    | X               | X                 |                    |
| Winthrop-Doc Storage    | Tuesday, March 05, 2013      | S118      | X               | X                 |                    |
| Winthrop-Electrical     | Tuesday, March 05, 2013      | R101      | X               | X                 |                    |
| Winthrop-Janitorial     | Tuesday, March 05, 2013      | R114      | X               | X                 |                    |
| Winthrop-Unoccupied     | Tuesday, March 12, 2013      | 37        | X               | X                 |                    |

**Table 2. Sampling Summary for Nested Well Soil Vapor Sampling**  
**Former Unisys Facility, Lake Success, New York**

| Location                   | Sample ID   | Sample Depth (Feet) | Date Collected               |
|----------------------------|-------------|---------------------|------------------------------|
| Hallway adjacent to Antech | FPM-20      | 9                   | Saturday, March 16, 2013     |
| NSLIJ                      | LIJ-VP-7    | 10                  | Friday, March 08, 2013       |
|                            |             | 20                  | Friday, March 08, 2013       |
|                            |             | 30                  | Friday, March 08, 2013       |
|                            |             | 40                  | Friday, March 08, 2013       |
|                            |             | 50                  | Friday, March 08, 2013       |
| B2B3                       | VP-8        | 5                   | Wednesday, February 27, 2013 |
|                            |             | 10                  | Wednesday, February 27, 2013 |
|                            |             | 20                  | Wednesday, February 27, 2013 |
| B2B3                       | VP-8D       | 53.5                | Tuesday, February 26, 2013   |
|                            |             | 62.5                | Tuesday, February 26, 2013   |
|                            |             | 72.5                | Tuesday, February 26, 2013   |
| Stellae                    | VP-9        | 10                  | Saturday, March 23, 2013     |
|                            |             | 20                  | Saturday, March 23, 2013     |
|                            |             | 30                  | Saturday, March 23, 2013     |
|                            |             | 40                  | Saturday, March 23, 2013     |
|                            |             | 50                  | Saturday, March 23, 2013     |
| NSLIJ                      | VP-102      | 60                  | Saturday, March 23, 2013     |
|                            |             | 19.5                | Sunday, March 17, 2013       |
|                            |             | 51.5                | Sunday, March 17, 2013       |
|                            |             | 57.5                | Sunday, March 17, 2013       |
|                            |             | 61.5                | Sunday, March 17, 2013       |
| NSLIJ                      | VP-103      | 73.5                | Sunday, March 17, 2013       |
|                            |             | 20                  | Sunday, March 17, 2013       |
|                            |             | 30                  | Sunday, March 17, 2013       |
|                            |             | 40                  | Sunday, March 17, 2013       |
|                            |             | 50                  | Sunday, March 17, 2013       |
| NSLIJ                      | VP-104      | 61.5                | Sunday, March 17, 2013       |
|                            |             | 74.5                | Sunday, March 17, 2013       |
|                            |             | 10                  | Monday, February 25, 2013    |
|                            |             | 19                  | Monday, February 25, 2013    |
|                            |             | 30                  | Monday, February 25, 2013    |
| Stellae                    | VP-105      | 40                  | Monday, February 25, 2013    |
|                            |             | 50                  | Monday, February 25, 2013    |
|                            |             | 62                  | Monday, February 25, 2013    |
|                            |             | 73                  | Monday, February 25, 2013    |
|                            |             | 10                  | Saturday, March 23, 2013     |
| Countrywide                | VP-107      | 20                  | Saturday, March 23, 2013     |
|                            |             | 50                  | Saturday, March 23, 2013     |
|                            |             | 60                  | Saturday, March 23, 2013     |
|                            |             | 72                  | Saturday, March 23, 2013     |
|                            |             | 5                   | Saturday, March 02, 2013     |
| Stellae                    | VP-NYSDEC-5 | 13                  | Saturday, March 02, 2013     |
|                            |             | 20                  | Saturday, March 02, 2013     |
|                            |             | 33.5                | Saturday, March 02, 2013     |
|                            |             | 44                  | Saturday, March 02, 2013     |
|                            |             | 60                  | Saturday, March 02, 2013     |
|                            |             | 74                  | Saturday, March 02, 2013     |
|                            |             | 5                   | Saturday, March 23, 2013     |
|                            |             | 10                  | Saturday, March 23, 2013     |
|                            |             | 20                  | Saturday, March 23, 2013     |
|                            |             | 30                  | Saturday, March 23, 2013     |
|                            |             | 40                  | Saturday, March 23, 2013     |
|                            |             | 50                  | Saturday, March 23, 2013     |

**Table 3. Advantage Funding Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-I11<br>Advantage Funding<br>03/05/13<br>$\mu\text{g}/\text{m}^3$ | SS-I11<br>Advantage Funding<br>03/05/13<br>$\mu\text{g}/\text{m}^3$ |
|----------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.80 U                                                              | 0.76 U                                                              |
| 1,1,2,2-Tetrachloroethane                          | 0.80 U                                                              | 0.76 U                                                              |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.80 U                                                              | 0.76 U                                                              |
| 1,1,2-Trichloroethane                              | 0.80 U                                                              | 0.76 U                                                              |
| 1,1-Dichloroethane                                 | 0.80 U                                                              | 0.76 U                                                              |
| 1,1-Dichloroethene                                 | 0.80 U                                                              | 0.76 U                                                              |
| 1,1-Difluoroethane (Freon 152a)                    | 11                                                                  | 11                                                                  |
| 1,2,4-Trichlorobenzene                             | 0.80 U                                                              | 0.76 U                                                              |
| 1,2,4-Trimethylbenzene                             | 1.9                                                                 | 2.0                                                                 |
| 1,2-Dibromo-3-chloropropane                        | 0.80 U                                                              | 0.76 U                                                              |
| 1,2-Dibromoethane                                  | 0.80 U                                                              | 0.76 U                                                              |
| 1,2-Dichlorobenzene                                | 0.80 U                                                              | 0.76 U                                                              |
| 1,2-Dichloroethane                                 | 0.80 U                                                              | 0.76 U                                                              |
| 1,2-Dichloroethene (cis)                           | 0.80 U                                                              | 0.76 U                                                              |
| 1,2-Dichloroethene (total)                         | 0.80 U                                                              | 0.76 U                                                              |
| 1,2-Dichloroethene (trans)                         | 0.80 U                                                              | 0.76 U                                                              |
| 1,2-Dichloropropane                                | 0.80 U                                                              | 0.76 U                                                              |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.80 U                                                              | 0.76 U                                                              |
| 1,3,5-Trimethylbenzene                             | 0.80 U                                                              | 0.76 U                                                              |
| 1,3-Butadiene                                      | 0.80 U                                                              | 0.76 U                                                              |
| 1,3-Dichlorobenzene                                | 0.80 U                                                              | 0.76 U                                                              |
| 1,3-Dichloropropene (cis)                          | 0.80 U                                                              | 0.76 U                                                              |
| 1,3-Dichloropropene (trans)                        | 0.80 U                                                              | 0.76 U                                                              |
| 1,4-Dichlorobenzene                                | 0.80 U                                                              | 0.76 U                                                              |
| 1,4-Dioxane                                        | 0.80 U                                                              | 0.76 U                                                              |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.80 U                                                              | 0.76 U                                                              |
| 2-Butanone (Methyl ethyl ketone)                   | 8.0 U                                                               | 7.6 U                                                               |
| 3-Chloropropene (Allyl Chloride)                   | 0.80 U                                                              | 0.76 U                                                              |
| 4-Ethyltoluene                                     | 0.80 U                                                              | 0.76 U                                                              |
| 4-Methyl-2-pentanone (MIBK)                        | 0.80 U                                                              | 0.76 U                                                              |
| Acetone (2-propanone)                              | 27                                                                  | 31                                                                  |
| Benzene                                            | 0.80 U                                                              | 0.80                                                                |
| Bromodichloromethane                               | 0.80 U                                                              | 0.76 U                                                              |
| Bromoform                                          | 0.80 U                                                              | 0.76 U                                                              |
| Bromomethane (Methyl bromide)                      | 0.80 U                                                              | 0.76 U                                                              |
| Carbon disulfide                                   | 8.0 U                                                               | 7.6 U                                                               |
| Carbon tetrachloride                               | 0.45                                                                | 0.46                                                                |
| Chlorobenzene                                      | 0.80 U                                                              | 0.76 U                                                              |
| Chlorodifluoromethane (Freon 22)                   | 1.1                                                                 | 0.99                                                                |
| Chloroethane                                       | 0.80 U                                                              | 0.76 U                                                              |
| Chloroform                                         | 0.80 U                                                              | 0.76 U                                                              |
| Chloromethane (Methyl chloride)                    | 0.93                                                                | 0.76 U                                                              |
| Chloropentafluoroethane (Freon 115)                | 0.80 U                                                              | 0.76 U                                                              |
| Cyclohexane                                        | 12                                                                  | 8.8                                                                 |
| Dibromochloromethane                               | 0.80 U                                                              | 0.76 U                                                              |
| Dichlorodifluoromethane (Freon 12)                 | 2.6                                                                 | 2.0                                                                 |
| Ethylbenzene                                       | 0.80 U                                                              | 2.5                                                                 |
| Hexachlorobutadiene                                | 0.80 U                                                              | 0.76 U                                                              |
| Isopropyl Alcohol (2-Propanol)                     | 11                                                                  | 9.4                                                                 |
| Isopropylbenzene (Cumene)                          | 0.80 U                                                              | 0.76 U                                                              |
| Methyl Acetate                                     | 23                                                                  | 16                                                                  |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.80 U                                                              | 0.76 U                                                              |
| Methyl cyclohexane                                 | 0.80 U                                                              | 0.76 U                                                              |
| Methyl tert-Butyl Ether (MTBE)                     | 0.80 U                                                              | 0.76 U                                                              |
| Methylene chloride                                 | 2.4                                                                 | 4.5                                                                 |
| n-Hexane                                           | 0.80 U                                                              | 0.76 U                                                              |
| Styrene                                            | 0.80 U                                                              | 0.76 U                                                              |
| Tetrachloroethene (PCE)                            | 1.1                                                                 | 15                                                                  |
| Toluene                                            | 37                                                                  | 32                                                                  |
| Trichloroethene (TCE)                              | 0.16 U                                                              | 52                                                                  |
| Trichlorofluoromethane (Freon 11)                  | 1.2                                                                 | 1.2                                                                 |
| Vinyl chloride                                     | 0.16 U                                                              | 0.76 U                                                              |
| Xylenes (m&p)                                      | 2.3                                                                 | 8.6                                                                 |
| Xylenes (o)                                        | 0.85                                                                | 3.3                                                                 |

**Notes:**

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.  
 $\mu\text{g}/\text{m}^3$  = Micrograms per cubic meter.

**Table 4. Antech Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-17<br>Antech<br>03/13/13<br>µg/m <sup>3</sup> | IA-J9<br>Antech<br>03/13/13<br>µg/m <sup>3</sup> | IA-M11<br>Antech<br>03/13/13<br>µg/m <sup>3</sup> | IA-Q11<br>Antech<br>03/13/13<br>µg/m <sup>3</sup> | SS-17<br>Antech<br>03/13/13<br>µg/m <sup>3</sup> | SS-J9<br>Antech<br>03/13/13<br>µg/m <sup>3</sup> | SS-M11<br>Antech<br>03/13/13<br>µg/m <sup>3</sup> | SS-Q11<br>Antech<br>03/13/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|--------------------------------------------------|--------------------------------------------------|---------------------------------------------------|---------------------------------------------------|--------------------------------------------------|--------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,1,2,2-Tetrachloroethane                          | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 31                                               | 0.83 U                                            | 0.86 U                                            |
| 1,1,2-Trichloroethane                              | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,1-Dichloroethane                                 | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,1-Dichloroethene                                 | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,1-Difluoroethane (Freon 152a)                    | 1,100 D                                          | 29                                               | 2,000 D                                           | 1,300 D                                           | 1,400 D                                          | 20                                               | 520 D                                             | 540 D                                             |
| 1,2,4-Trichlorobenzene                             | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,2,4-Trimethylbenzene                             | 0.83 U                                           | 4.9                                              | 1.0                                               | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 1.4                                               | 2.0                                               |
| 1,2-Dibromo-3-chloropropane                        | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,2-Dibromoethane                                  | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,2-Dichlorobenzene                                | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,2-Dichloroethane                                 | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,2-Dichloroethene (cis)                           | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,2-Dichloroethene (total)                         | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,2-Dichloroethene (trans)                         | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,2-Dichloropropane                                | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,3,5-Trimethylbenzene                             | 0.83 U                                           | 1.7                                              | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,3-Butadiene                                      | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,3-Dichlorobenzene                                | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,3-Dichloropropene (cis)                          | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,3-Dichloropropene (trans)                        | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,4-Dichlorobenzene                                | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 1,4-Dioxane                                        | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 2-Butanone (Methyl ethyl ketone)                   | 8.3 U                                            | 8.5 U                                            | 8.5 U                                             | 8.8 U                                             | 7.9 U                                            | 33 U                                             | 8.3 U                                             | 8.6 U                                             |
| 3-Chloropropene (Allyl Chloride)                   | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 4-Ethyltoluene                                     | 0.83 U                                           | 1.2                                              | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| 4-Methyl-2-pentanone (MIBK)                        | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Acetone (2-propanone)                              | 75                                               | 98                                               | 230                                               | 66                                                | 11                                               | 33 U                                             | 35                                                | 11                                                |
| Benzene                                            | 0.83                                             | 0.92                                             | 1.0                                               | 0.96                                              | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Bromodichloromethane                               | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 2.2                                               | 0.86 U                                            |
| Bromoform                                          | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Bromomethane (Methyl bromide)                      | 0.83 UJ                                          | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Carbon disulfide                                   | 8.3 U                                            | 8.5 U                                            | 8.5 U                                             | 8.8 U                                             | 12                                               | 33 U                                             | 8.3 U                                             | 8.6 U                                             |
| Carbon tetrachloride                               | 0.25                                             | 0.30                                             | 0.48                                              | 0.45                                              | 0.60                                             | 0.66 U                                           | 0.50                                              | 2.3                                               |
| Chlorobenzene                                      | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Chlorodifluoromethane (Freon 22)                   | 4.8                                              | 1.3                                              | 22                                                | 3.2                                               | 9.0                                              | 3.3 U                                            | 18                                                | 1.5                                               |
| Chloroethane                                       | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Chloroform                                         | 0.83 U                                           | 1.2                                              | 1.7                                               | 0.88 U                                            | 0.85                                             | 3.6                                              | 22                                                | 0.86 U                                            |
| Chloromethane (Methyl chloride)                    | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Chloropentafluoroethane (Freon 115)                | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Cyclohexane                                        | 1.9                                              | 3.6                                              | 2.7                                               | 5.7                                               | 1.6 U                                            | 6.6 U                                            | 1.7 U                                             | 1.7 U                                             |
| Dibromochloromethane                               | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Dichlorodifluoromethane (Freon 12)                 | 1.7                                              | 2.1                                              | 2.0                                               | 2.1                                               | 2.1                                              | 3.3 U                                            | 1.9                                               | 2.0                                               |
| Ethylbenzene                                       | 4.0                                              | 5.6                                              | 6.9                                               | 3.1                                               | 0.87                                             | 3.3 U                                            | 2.1                                               | 1.6                                               |
| Hexachlorobutadiene                                | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Isopropyl Alcohol (2-Propanol)                     | 630 D                                            | 670 D                                            | 480 D                                             | 280                                               | 15                                               | 41                                               | 27                                                | 8.6 U                                             |
| Isopropylbenzene (Cumene)                          | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Methyl Acetate                                     | 1.1                                              | 11                                               | 3.1                                               | 1.3                                               | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.98                                              | 0.86 U                                            |
| Methyl cyclohexane                                 | 1.6                                              | 0.85 U                                           | 0.85 U                                            | 4.2                                               | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Methyl tert-Butyl Ether (MTBE)                     | 0.83 U                                           | 0.85 U                                           | 0.85 U                                            | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Methylene chloride                                 | 0.90                                             | 1.7                                              | 2.9                                               | 1.5                                               | 2.8                                              | 4.1                                              | 4.2                                               | 0.86 U                                            |
| n-Hexane                                           | 0.85                                             | 0.85 U                                           | 1.1                                               | 2.0                                               | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Styrene                                            | 0.83 U                                           | 0.85 U                                           | 0.94                                              | 0.88 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Tetrachloroethene (PCE)                            | 0.83 U                                           | 0.85 U                                           | 1.5                                               | 0.88 U                                            | 5.3                                              | 1,300 D                                          | 22                                                | 3.3                                               |
| Toluene                                            | 4.8                                              | 3.4                                              | 7.5                                               | 8.5                                               | 1.7                                              | 3.3 U                                            | 3.5                                               | 1.8                                               |
| Trichloroethene (TCE)                              | 0.17 U                                           | 0.17 U                                           | 0.17 U                                            | 0.18 U                                            | 26                                               | 220                                              | 74                                                | 2.6                                               |
| Trichlorofluoromethane (Freon 11)                  | 0.93                                             | 1.2                                              | 1.2                                               | 1.1                                               | 1.0                                              | 3.3 U                                            | 1.1                                               | 1.0                                               |
| Vinyl chloride                                     | 0.17 U                                           | 0.17 U                                           | 0.17 U                                            | 0.18 U                                            | 0.79 U                                           | 3.3 U                                            | 0.83 U                                            | 0.86 U                                            |
| Xylenes (m&p)                                      | 16                                               | 22                                               | 27                                                | 12                                                | 3.2                                              | 6.2                                              | 8.1                                               | 6.0                                               |
| Xylenes (o)                                        | 3.0                                              | 6.1                                              | 5.5                                               | 2.4                                               | 0.95                                             | 3.3 U                                            | 2.4                                               | 2.1                                               |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 5. DealerTrack Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-20<br>Dealertrack<br>03/16/13<br>µg/m <sup>3</sup> | IA-22<br>Dealertrack<br>03/16/13<br>µg/m <sup>3</sup> | IA-A15<br>Dealertrack<br>03/16/13<br>µg/m <sup>3</sup> | IA-E13<br>Dealertrack<br>03/16/13<br>µg/m <sup>3</sup> | SS-20<br>Dealertrack<br>03/16/13<br>µg/m <sup>3</sup> | SS-22<br>Dealertrack<br>03/16/13<br>µg/m <sup>3</sup> | SS-A15<br>Dealertrack<br>03/16/13<br>µg/m <sup>3</sup> | SS-E13<br>Dealertrack<br>03/16/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 5.1                                                   | 1.4 [1.0]                                              | 20                                                     |
| 1,1,2,2-Tetrachloroethane                          | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 2.1                                                    |
| 1,1,2-Trichloroethane                              | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,1-Dichloroethane                                 | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,1-Dichloroethene                                 | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,1-Difluoroethane (Freon 152a)                    | 7.3                                                   | 5.9                                                   | 7.7                                                    | 4.8 [5.1]                                              | 60                                                    | 5.6                                                   | 0.79 U [0.88 U]                                        | 0.88                                                   |
| 1,2,4-Trichlorobenzene                             | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,2,4-Trimethylbenzene                             | 0.85                                                  | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 1.3                                                   | 18                                                    | 0.79 U [0.88 U]                                        | 1.2                                                    |
| 1,2-Dibromo-3-chloropropane                        | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,2-Dibromoethane                                  | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,2-Dichlorobenzene                                | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,2-Dichloroethane                                 | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,2-Dichloroethene (cis)                           | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,2-Dichloroethene (total)                         | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,2-Dichloroethene (trans)                         | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,2-Dichloropropane                                | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,3,5-Trimethylbenzene                             | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 7.7                                                   | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,3-Butadiene                                      | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,3-Dichlorobenzene                                | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,3-Dichloropropene (cis)                          | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,3-Dichloropropene (trans)                        | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,4-Dichlorobenzene                                | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 1,4-Dioxane                                        | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 1.5                                                   | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 2-Butanone (Methyl ethyl ketone)                   | 7.6 U                                                 | 8.4 U                                                 | 8.7 U                                                  | 8.3 U [9.0 U]                                          | 8.9 U                                                 | 7.6 U                                                 | 7.9 U [8.8 U]                                          | 7.8 U                                                  |
| 3-Chloropropene (Allyl Chloride)                   | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 4-Ethyltoluene                                     | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 1.7                                                   | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| 4-Methyl-2-pentanone (MIBK)                        | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 1.5                                                   | 0.80 [0.88 U]                                          | 0.78 U                                                 |
| Acetone (2-propanone)                              | 58                                                    | 25                                                    | 24                                                     | 23 [21]                                                | 47                                                    | 280                                                   | 28 [16]                                                | 54                                                     |
| Benzene                                            | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Bromodichloromethane                               | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Bromoform                                          | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Bromomethane (Methyl bromide)                      | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Carbon disulfide                                   | 7.6 U                                                 | 8.4 U                                                 | 8.7 U                                                  | 8.3 U [9.0 U]                                          | 8.9 U                                                 | 19                                                    | 24 [18]                                                | 18                                                     |
| Carbon tetrachloride                               | 0.25                                                  | 0.46                                                  | 0.48                                                   | 0.48 [0.39]                                            | 0.50                                                  | 0.36                                                  | 0.16 U [0.18 U]                                        | 0.32                                                   |
| Chlorobenzene                                      | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 1.4                                                   | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Chlorodifluoromethane (Freon 22)                   | 1.7                                                   | 1.8                                                   | 1.8                                                    | 1.4 [1.3]                                              | 1.0                                                   | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78                                                   |
| Chloroethane                                       | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Chloroform                                         | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 1.2                                                   | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Chloromethane (Methyl chloride)                    | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Chloropentafluoroethane (Freon 115)                | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Cyclohexane                                        | 2.5                                                   | 1.7 U                                                 | 1.7 U                                                  | 1.7 U [1.8 U]                                          | 1.8 U                                                 | 2.2                                                   | 1.6 U [1.8 U]                                          | 1.6 U                                                  |
| Dibromochloromethane                               | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Dichlorodifluoromethane (Freon 12)                 | 2.5                                                   | 2.5                                                   | 2.5                                                    | 2.5 [2.1]                                              | 2.4                                                   | 2.3                                                   | 2.4 [2.0]                                              | 2.5                                                    |
| Ethylbenzene                                       | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 1.5                                                   | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Hexachlorobutadiene                                | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Isopropyl Alcohol (2-Propanol)                     | 18                                                    | 22                                                    | 20                                                     | 19 [10 J]                                              | 8.9 U                                                 | 17                                                    | 7.9 U [8.8 U]                                          | 7.8 U                                                  |
| Isopropylbenzene (Cumene)                          | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.81                                                  | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Methyl Acetate                                     | 6.9                                                   | 3.2                                                   | 3.1                                                    | 2.8 [2.2]                                              | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 1.3                                                   | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Methyl cyclohexane                                 | 1.1                                                   | 0.86                                                  | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 1.0                                                   | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Methyl tert-Butyl Ether (MTBE)                     | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Methylene chloride                                 | 3.9                                                   | 1.5                                                   | 1.5                                                    | 1.3 [1.4]                                              | 3.3                                                   | 340 D                                                 | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| n-Hexane                                           | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 11                                                    | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Styrene                                            | 0.76 U                                                | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Tetrachloroethene (PCE)                            | 0.76 U                                                | 0.84 U                                                | 0.90                                                   | 0.83 U [0.96]                                          | 40                                                    | 11                                                    | 8.1 [6.6]                                              | 46                                                     |
| Toluene                                            | 5.6                                                   | 3.8                                                   | 3.7                                                    | 3.1 [2.6]                                              | 1.9                                                   | 83                                                    | 0.79 U [0.88 U]                                        | 0.88                                                   |
| Trichloroethene (TCE)                              | 0.24                                                  | 0.17 U                                                | 0.17 U                                                 | 0.17 U [0.18 U]                                        | 13                                                    | 0.15 U                                                | 0.16 U [0.18 U]                                        | 31                                                     |
| Trichlorofluoromethane (Freon 11)                  | 1.2                                                   | 1.2                                                   | 1.2                                                    | 1.3 [1.1]                                              | 1.3                                                   | 1.3                                                   | 1.2 [1.1]                                              | 2.0                                                    |
| Vinyl chloride                                     | 0.15 U                                                | 0.17 U                                                | 0.17 U                                                 | 0.17 U [0.18 U]                                        | 0.89 U                                                | 0.76 U                                                | 0.79 U [0.88 U]                                        | 0.78 U                                                 |
| Xylenes (m&p)                                      | 2.6                                                   | 1.5                                                   | 1.6                                                    | 1.4 [1.2]                                              | 3.0                                                   | 6.0                                                   | 1.4 [1.0]                                              | 1.7                                                    |
| Xylenes (o)                                        | 0.81                                                  | 0.84 U                                                | 0.87 U                                                 | 0.83 U [0.90 U]                                        | 1.3                                                   | 2.5                                                   | 0.79 U [0.88 U]                                        | 0.78 U                                                 |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 6. Display Technologies Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-17E<br>Display Technologies<br>03/21/13<br>µg/m <sup>3</sup> | IA-19<br>Display Technologies<br>03/13/13<br>µg/m <sup>3</sup> | SS-19<br>Display Technologies<br>03/13/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,1,2,2-Tetrachloroethane                          | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.96                                                            | 0.85 U                                                         | 10                                                             |
| 1,1,2-Trichloroethane                              | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,1-Dichloroethane                                 | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,1-Dichloroethene                                 | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,1-Difluoroethane (Freon 152a)                    | 250 D                                                           | 12                                                             | 13                                                             |
| 1,2,4-Trichlorobenzene                             | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,2,4-Trimethylbenzene                             | 20                                                              | 31                                                             | 0.79 U                                                         |
| 1,2-Dibromo-3-chloropropane                        | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,2-Dibromoethane                                  | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,2-Dichlorobenzene                                | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,2-Dichloroethane                                 | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,2-Dichloroethene (cis)                           | 0.83 U                                                          | 0.85 U                                                         | 1.2                                                            |
| 1,2-Dichloroethene (total)                         | 0.83 U                                                          | 0.85 U                                                         | 1.2                                                            |
| 1,2-Dichloroethene (trans)                         | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,2-Dichloropropane                                | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,3,5-Trimethylbenzene                             | 7.7                                                             | 11                                                             | 0.79 U                                                         |
| 1,3-Butadiene                                      | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,3-Dichlorobenzene                                | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,3-Dichloropropene (cis)                          | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,3-Dichloropropene (trans)                        | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,4-Dichlorobenzene                                | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 1,4-Dioxane                                        | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 2-Butanone (Methyl ethyl ketone)                   | 26                                                              | 31                                                             | 11                                                             |
| 3-Chloropropene (Allyl Chloride)                   | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| 4-Ethyltoluene                                     | 5.0                                                             | 7.7                                                            | 0.79 U                                                         |
| 4-Methyl-2-pentanone (MIBK)                        | 70                                                              | 0.85 U                                                         | 0.79 U                                                         |
| Acetone (2-propanone)                              | 470                                                             | 460                                                            | 22                                                             |
| Benzene                                            | 1.5                                                             | 0.93                                                           | 0.79 U                                                         |
| Bromodichloromethane                               | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| Bromoform                                          | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| Bromomethane (Methyl bromide)                      | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| Carbon disulfide                                   | 8.3 U                                                           | 8.5 U                                                          | 7.9 U                                                          |
| Carbon tetrachloride                               | 0.32                                                            | 0.50                                                           | 0.45                                                           |
| Chlorobenzene                                      | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| Chlorodifluoromethane (Freon 22)                   | 1.8                                                             | 1.4                                                            | 1.3                                                            |
| Chloroethane                                       | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| Chloroform                                         | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| Chloromethane (Methyl chloride)                    | 0.93                                                            | 0.85 U                                                         | 0.79 U                                                         |
| Chloropentafluoroethane (Freon 115)                | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| Cyclohexane                                        | 590 D                                                           | 13                                                             | 3                                                              |
| Dibromochloromethane                               | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| Dichlorodifluoromethane (Freon 12)                 | 2.3                                                             | 2.2                                                            | 2                                                              |
| Ethylbenzene                                       | 21                                                              | 13                                                             | 3.5                                                            |
| Hexachlorobutadiene                                | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| Isopropyl Alcohol (2-Propanol)                     | 230                                                             | 27                                                             | 7.9 U                                                          |
| Isopropylbenzene (Cumene)                          | 1.6                                                             | 2.2                                                            | 0.79 U                                                         |
| Methyl Acetate                                     | 1,500 D                                                         | 70                                                             | 1.5                                                            |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| Methyl cyclohexane                                 | 1.5                                                             | 1.6                                                            | 1.5                                                            |
| Methyl tert-Butyl Ether (MTBE)                     | 0.83 U                                                          | 0.85 U                                                         | 0.79 U                                                         |
| Methylene chloride                                 | 720 D                                                           | 12                                                             | 36                                                             |
| n-Hexane                                           | 3.6                                                             | 2.4                                                            | 0.81                                                           |
| Styrene                                            | 1.9                                                             | 1.3                                                            | 0.79 U                                                         |
| Tetrachloroethene (PCE)                            | 1.5                                                             | 0.85 U                                                         | 24                                                             |
| Toluene                                            | 310 D                                                           | 20                                                             | 8.4                                                            |
| Trichloroethene (TCE)                              | 0.17 U                                                          | 0.17 U                                                         | 74                                                             |
| Trichlorofluoromethane (Freon 11)                  | 1.2                                                             | 1.2                                                            | 1.3                                                            |
| Vinyl chloride                                     | 0.17 U                                                          | 0.17 U                                                         | 0.79 U                                                         |
| Xylenes (m&p)                                      | 88                                                              | 60                                                             | 7.4                                                            |
| Xylenes (o)                                        | 29                                                              | 23                                                             | 2.8                                                            |

**Notes:**

D = Concentration is based on diluted sample analysis.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 7. Fensterman Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-A102<br>Fensterman<br>03/16/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|--------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.75 U                                                 |
| 1,1,1,2-Tetrachloroethane                          | 0.75 U                                                 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.75 U                                                 |
| 1,1,2-Trichloroethane                              | 0.75 U                                                 |
| 1,1-Dichloroethane                                 | 0.75 U                                                 |
| 1,1-Dichloroethene                                 | 0.75 U                                                 |
| 1,1-Difluoroethane (Freon 152a)                    | 1.30                                                   |
| 1,2,4-Trichlorobenzene                             | 0.75 U                                                 |
| 1,2,4-Trimethylbenzene                             | 0.97                                                   |
| 1,2-Dibromo-3-chloropropane                        | 0.75 U                                                 |
| 1,2-Dibromoethane                                  | 0.75 U                                                 |
| 1,2-Dichlorobenzene                                | 0.75 U                                                 |
| 1,2-Dichloroethane                                 | 0.75 U                                                 |
| 1,2-Dichloroethene (cis)                           | 0.75 U                                                 |
| 1,2-Dichloroethene (total)                         | 0.75 U                                                 |
| 1,2-Dichloroethene (trans)                         | 0.75 U                                                 |
| 1,2-Dichloropropane                                | 0.75 U                                                 |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.75 U                                                 |
| 1,3,5-Trimethylbenzene                             | 0.75 U                                                 |
| 1,3-Butadiene                                      | 0.75 U                                                 |
| 1,3-Dichlorobenzene                                | 0.75 U                                                 |
| 1,3-Dichloropropene (cis)                          | 0.75 U                                                 |
| 1,3-Dichloropropene (trans)                        | 0.75 U                                                 |
| 1,4-Dichlorobenzene                                | 0.75 U                                                 |
| 1,4-Dioxane                                        | 0.75 U                                                 |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.75 U                                                 |
| 2-Butanone (Methyl ethyl ketone)                   | 7.5 U                                                  |
| 3-Chloropropene (Allyl Chloride)                   | 0.75 U                                                 |
| 4-Ethyltoluene                                     | 0.75 U                                                 |
| 4-Methyl-2-pentanone (MIBK)                        | 0.75 U                                                 |
| Acetone (2-propanone)                              | 18                                                     |
| Benzene                                            | 0.75 U                                                 |
| Bromodichloromethane                               | 0.75 U                                                 |
| Bromoform                                          | 0.75 U                                                 |
| Bromomethane (Methyl bromide)                      | 0.75 U                                                 |
| Carbon disulfide                                   | 7.5 U                                                  |
| Carbon tetrachloride                               | 0.48                                                   |
| Chlorobenzene                                      | 0.75 U                                                 |
| Chlorodifluoromethane (Freon 22)                   | 4.4                                                    |
| Chloroethane                                       | 0.75 U                                                 |
| Chloroform                                         | 0.75 U                                                 |
| Chloromethane (Methyl chloride)                    | 0.75 U                                                 |
| Chloropentafluoroethane (Freon 115)                | 0.75 U                                                 |
| Cyclohexane                                        | 1.5 U                                                  |
| Dibromochloromethane                               | 0.75 U                                                 |
| Dichlorodifluoromethane (Freon 12)                 | 2.3                                                    |
| Ethylbenzene                                       | 0.75 U                                                 |
| Hexachlorobutadiene                                | 0.75 U                                                 |
| Isopropyl Alcohol (2-Propanol)                     | 7.5 U                                                  |
| Isopropylbenzene (Cumene)                          | 0.75 U                                                 |
| Methyl Acetate                                     | 0.75 U                                                 |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.75 U                                                 |
| Methyl cyclohexane                                 | 0.75 U                                                 |
| Methyl tert-Butyl Ether (MTBE)                     | 0.75 U                                                 |
| Methylene chloride                                 | 0.75 U                                                 |
| n-Hexane                                           | 0.75 U                                                 |
| Styrene                                            | 0.75 U                                                 |
| Tetrachloroethene (PCE)                            | 1.0                                                    |
| Toluene                                            | 1.8                                                    |
| Trichloroethene (TCE)                              | 0.15 U                                                 |
| Trichlorofluoromethane (Freon 11)                  | 1.1                                                    |
| Vinyl chloride                                     | 0.15 U                                                 |
| Xylenes (m&p)                                      | 1.0                                                    |
| Xylenes (o)                                        | 0.75 U                                                 |

**Notes:**

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.  
 µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 8. First American Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-39<br>First American<br>03/12/13<br>$\mu\text{g}/\text{m}^3$ |
|----------------------------------------------------|-----------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.99 U                                                          |
| 1,1,2,2-Tetrachloroethane                          | 0.99 U                                                          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.99 U                                                          |
| 1,1,2-Trichloroethane                              | 0.99 U                                                          |
| 1,1-Dichloroethane                                 | 0.99 U                                                          |
| 1,1-Dichloroethene                                 | 0.99 U                                                          |
| 1,1-Difluoroethane (Freon 152a)                    | 4.2                                                             |
| 1,2,4-Trichlorobenzene                             | 0.99 U                                                          |
| 1,2,4-Trimethylbenzene                             | 0.99 U                                                          |
| 1,2-Dibromo-3-chloropropane                        | 0.99 U                                                          |
| 1,2-Dibromoethane                                  | 0.99 U                                                          |
| 1,2-Dichlorobenzene                                | 0.99 U                                                          |
| 1,2-Dichloroethane                                 | 0.99 U                                                          |
| 1,2-Dichloroethene (cis)                           | 0.99 U                                                          |
| 1,2-Dichloroethene (total)                         | 0.99 U                                                          |
| 1,2-Dichloroethene (trans)                         | 0.99 U                                                          |
| 1,2-Dichloropropane                                | 0.99 U                                                          |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.99 U                                                          |
| 1,3,5-Trimethylbenzene                             | 0.99 U                                                          |
| 1,3-Butadiene                                      | 0.99 U                                                          |
| 1,3-Dichlorobenzene                                | 0.99 U                                                          |
| 1,3-Dichloropropene (cis)                          | 0.99 U                                                          |
| 1,3-Dichloropropene (trans)                        | 0.99 U                                                          |
| 1,4-Dichlorobenzene                                | 0.99 U                                                          |
| 1,4-Dioxane                                        | 0.99 U                                                          |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.99 U                                                          |
| 2-Butanone (Methyl ethyl ketone)                   | 9.9 U                                                           |
| 3-Chloropropene (Allyl Chloride)                   | 0.99 U                                                          |
| 4-Ethyltoluene                                     | 0.99 U                                                          |
| 4-Methyl-2-pentanone (MIBK)                        | 0.99 U                                                          |
| Acetone (2-propanone)                              | 25                                                              |
| Benzene                                            | 0.99 U                                                          |
| Bromodichloromethane                               | 0.99 U                                                          |
| Bromoform                                          | 0.99 U                                                          |
| Bromomethane (Methyl bromide)                      | 0.99 U                                                          |
| Carbon disulfide                                   | 9.9 U                                                           |
| Carbon tetrachloride                               | 0.46                                                            |
| Chlorobenzene                                      | 0.99 U                                                          |
| Chlorodifluoromethane (Freon 22)                   | 1.4                                                             |
| Chloroethane                                       | 0.99 U                                                          |
| Chloroform                                         | 0.99 U                                                          |
| Chloromethane (Methyl chloride)                    | 0.99 U                                                          |
| Chloropentafluoroethane (Freon 115)                | 0.99 U                                                          |
| Cyclohexane                                        | 6                                                               |
| Dibromochloromethane                               | 0.99 U                                                          |
| Dichlorodifluoromethane (Freon 12)                 | 2.4                                                             |
| Ethylbenzene                                       | 0.99 U                                                          |
| Hexachlorobutadiene                                | 0.99 U                                                          |
| Isopropyl Alcohol (2-Propanol)                     | 9.9 U                                                           |
| Isopropylbenzene (Cumene)                          | 0.99 U                                                          |
| Methyl Acetate                                     | 15                                                              |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.99 U                                                          |
| Methyl cyclohexane                                 | 0.99 U                                                          |
| Methyl tert-Butyl Ether (MTBE)                     | 0.99 U                                                          |
| Methylene chloride                                 | 0.99 U                                                          |
| n-Hexane                                           | 0.99 U                                                          |
| Styrene                                            | 0.99 U                                                          |
| Tetrachloroethene (PCE)                            | 2.2                                                             |
| Toluene                                            | 2.3                                                             |
| Trichloroethene (TCE)                              | 0.20 U                                                          |
| Trichlorofluoromethane (Freon 11)                  | 1.2                                                             |
| Vinyl chloride                                     | 0.20 U                                                          |
| Xylenes (m&p)                                      | 2.8                                                             |
| Xylenes (o)                                        | 0.99 U                                                          |

**Notes:**

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.  
 $\mu\text{g}/\text{m}^3$  = Micrograms per cubic meter.

**Table 9. LA Fitness Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-13<br>LA Fitness<br>03/09/13<br>$\mu\text{g}/\text{m}^3$ | IA-14<br>Kidz Klub<br>03/09/13<br>$\mu\text{g}/\text{m}^3$ | IA-LAC8<br>LA Fitness<br>03/09/13<br>$\mu\text{g}/\text{m}^3$ | SS-14<br>Kidz Klub<br>03/09/13<br>$\mu\text{g}/\text{m}^3$ | SS-LAC8<br>LA Fitness<br>03/09/13<br>$\mu\text{g}/\text{m}^3$ |
|----------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,1,2,2-Tetrachloroethane                          | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 55                                                         | 7.4 U                                                         |
| 1,1,2-Trichloroethane                              | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,1-Dichloroethane                                 | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,1-Dichloroethene                                 | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,1-Difluoroethane (Freon 152a)                    | 3.1                                                         | 4.8                                                        | 6.6                                                           | 5.9                                                        | 12                                                            |
| 1,2,4-Trichlorobenzene                             | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,2,4-Trimethylbenzene                             | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 310                                                           |
| 1,2-Dibromo-3-chloropropane                        | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,2-Dibromoethane                                  | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,2-Dichlorobenzene                                | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,2-Dichloroethane                                 | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,2-Dichloroethene (cis)                           | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,2-Dichloroethene (total)                         | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,2-Dichloroethene (trans)                         | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,2-Dichloropropane                                | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,3,5-Trimethylbenzene                             | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 150                                                           |
| 1,3-Butadiene                                      | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,3-Dichlorobenzene                                | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,3-Dichloropropene (cis)                          | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,3-Dichloropropene (trans)                        | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,4-Dichlorobenzene                                | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 1,4-Dioxane                                        | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 2-Butanone (Methyl ethyl ketone)                   | 7.9 U                                                       | 8.9 U                                                      | 8.8 U                                                         | 8.2 U                                                      | 74 U                                                          |
| 3-Chloropropene (Allyl Chloride)                   | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| 4-Ethyltoluene                                     | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 33                                                            |
| 4-Methyl-2-pentanone (MIBK)                        | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 1.0                                                        | 7.4 U                                                         |
| Acetone (2-propanone)                              | 36                                                          | 32                                                         | 36                                                            | 8.2 U                                                      | 100                                                           |
| Benzene                                            | 0.89                                                        | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Bromodichloromethane                               | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Bromoform                                          | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Bromomethane (Methyl bromide)                      | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Carbon disulfide                                   | 7.9 U                                                       | 8.9 U                                                      | 8.8 U                                                         | 8.2 U                                                      | 74 U                                                          |
| Carbon tetrachloride                               | 0.47                                                        | 0.46                                                       | 0.48                                                          | 0.40                                                       | 1.5 U                                                         |
| Chlorobenzene                                      | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Chlorodifluoromethane (Freon 22)                   | 1.3                                                         | 1.1                                                        | 0.95                                                          | 0.98                                                       | 7.4 U                                                         |
| Chloroethane                                       | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Chloroform                                         | 8.3                                                         | 26                                                         | 32                                                            | 12                                                         | 26                                                            |
| Chloromethane (Methyl chloride)                    | 0.88                                                        | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Chloropentafluoroethane (Freon 115)                | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Cyclohexane                                        | 1.6 U                                                       | 1.8 U                                                      | 1.8 U                                                         | 1.6 U                                                      | 15 U                                                          |
| Dibromochloromethane                               | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Dichlorodifluoromethane (Freon 12)                 | 2.3                                                         | 2.3                                                        | 2.2                                                           | 2.1                                                        | 7.4 U                                                         |
| Ethylbenzene                                       | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Hexachlorobutadiene                                | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Isopropyl Alcohol (2-Propanol)                     | 9.0                                                         | 27                                                         | 25                                                            | 8.2 U                                                      | 74 U                                                          |
| Isopropylbenzene (Cumene)                          | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Methyl Acetate                                     | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Methyl cyclohexane                                 | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Methyl tert-Butyl Ether (MTBE)                     | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Methylene chloride                                 | 1.0                                                         | 0.89 U                                                     | 0.88 U                                                        | 5.1                                                        | 11                                                            |
| n-Hexane                                           | 1.2                                                         | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Styrene                                            | 0.79 U                                                      | 1.4                                                        | 1.4                                                           | 0.82 U                                                     | 7.4 U                                                         |
| Tetrachloroethene (PCE)                            | 5.0                                                         | 0.89 U                                                     | 0.88 U                                                        | 21                                                         | 22                                                            |
| Toluene                                            | 8.0                                                         | 1.0                                                        | 0.93                                                          | 0.82 U                                                     | 14                                                            |
| Trichloroethene (TCE)                              | 0.30                                                        | 0.18 U                                                     | 0.18 U                                                        | 4.2                                                        | 71                                                            |
| Trichlorofluoromethane (Freon 11)                  | 1.1                                                         | 1.1                                                        | 1.1                                                           | 1.7                                                        | 7.4 U                                                         |
| Vinyl chloride                                     | 0.16 U                                                      | 0.18 U                                                     | 0.18 U                                                        | 0.82 U                                                     | 7.4 U                                                         |
| Xylenes (m&p)                                      | 1.8                                                         | 0.89 U                                                     | 0.91                                                          | 0.82 U                                                     | 7.4 U                                                         |
| Xylenes (o)                                        | 0.79 U                                                      | 0.89 U                                                     | 0.88 U                                                        | 0.82 U                                                     | 7.4 U                                                         |

**Notes:**

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

$\mu\text{g}/\text{m}^3$  = Micrograms per cubic meter.

**Table 10. Leased Space Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-2<br>Leased<br>03/06/13<br>µg/m <sup>3</sup> | IA-3<br>Leased<br>03/06/13<br>µg/m <sup>3</sup> | IA-4<br>Leased<br>03/06/13<br>µg/m <sup>3</sup> | IA-G15<br>Leased<br>03/06/13<br>µg/m <sup>3</sup> | SS-2<br>Leased<br>03/06/13<br>µg/m <sup>3</sup> | SS-3<br>Leased<br>03/06/13<br>µg/m <sup>3</sup> | SS-4<br>Leased<br>03/21/13<br>µg/m <sup>3</sup> | SS-G15<br>Leased<br>03/06/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|---------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|---------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,1,2,2-Tetrachloroethane                          | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 2.1                                             | 0.73 U                                          | 0.81 U                                          | 0.95                                              |
| 1,1,2-Trichloroethane                              | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,1-Dichloroethane                                 | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,1-Dichloroethene                                 | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,1-Difluoroethane (Freon 152a)                    | 5.6                                             | 6.2                                             | 5.6                                             | 8.4                                               | 11                                              | 16                                              | 13                                              | 17                                                |
| 1,2,4-Trichlorobenzene                             | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,2,4-Trimethylbenzene                             | 2.2                                             | 1.9                                             | 1.8                                             | 1.1                                               | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 1.6                                               |
| 1,2-Dibromo-3-chloropropane                        | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,2-Dibromoethane                                  | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,2-Dichlorobenzene                                | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,2-Dichloroethane                                 | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,2-Dichloroethene (cis)                           | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 2.0                                             | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,2-Dichloroethene (total)                         | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 2.0                                             | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,2-Dichloroethene (trans)                         | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,2-Dichloropropane                                | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,3,5-Trimethylbenzene                             | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,3-Butadiene                                      | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,3-Dichlorobenzene                                | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,3-Dichloropropene (cis)                          | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,3-Dichloropropene (trans)                        | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,4-Dichlorobenzene                                | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 1,4-Dioxane                                        | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 2-Butanone (Methyl ethyl ketone)                   | 7.8 U                                           | 7.9 U                                           | 7.9 U                                           | 7.7 U                                             | 8.8 U                                           | 7.3 U                                           | 8.1 U                                           | 7.8 U                                             |
| 3-Chloropropene (Allyl Chloride)                   | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 4-Ethyltoluene                                     | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| 4-Methyl-2-pentanone (MIBK)                        | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Acetone (2-propanone)                              | 64                                              | 85                                              | 99                                              | 150                                               | 8.8 U                                           | 15                                              | 11                                              | 13                                                |
| Benzene                                            | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Bromodichloromethane                               | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Bromoform                                          | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Bromomethane (Methyl bromide)                      | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Carbon disulfide                                   | 7.8 U                                           | 7.9 U                                           | 7.9 U                                           | 7.7 U                                             | 8.8 U                                           | 7.3 U                                           | 8.1 U                                           | 7.8 U                                             |
| Carbon tetrachloride                               | 0.40                                            | 0.21                                            | 0.40                                            | 0.49                                              | 0.32                                            | 0.45                                            | 0.40                                            | 0.21                                              |
| Chlorobenzene                                      | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Chlorodifluoromethane (Freon 22)                   | 2.3                                             | 2.0                                             | 1.9                                             | 1.1                                               | 4.0                                             | 1.9                                             | 6.0                                             | 0.78 U                                            |
| Chloroethane                                       | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Chloroform                                         | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 2.1                                             | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Chloromethane (Methyl chloride)                    | 0.87                                            | 0.79 U                                          | 0.79                                            | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Chloropentafluoroethane (Freon 115)                | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Cyclohexane                                        | 4.9                                             | 8.0                                             | 8.1                                             | 11                                                | 1.8 U                                           | 1.5 U                                           | 1.6 U                                           | 1.6 U                                             |
| Dibromochloromethane                               | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Dichlorodifluoromethane (Freon 12)                 | 2.4                                             | 2.3                                             | 2.2                                             | 2.0                                               | 2.2                                             | 2.3                                             | 2.2                                             | 2.0                                               |
| Ethylbenzene                                       | 3.7                                             | 2.5                                             | 2.4                                             | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 2.3                                               |
| Hexachlorobutadiene                                | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Isopropyl Alcohol (2-Propanol)                     | 7.8 U                                           | 8.4                                             | 8.6                                             | 24                                                | 8.8 U                                           | 7.3 U                                           | 8.1 U                                           | 7.8 U                                             |
| Isopropylbenzene (Cumene)                          | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Methyl Acetate                                     | 9.5                                             | 18                                              | 17                                              | 25                                                | 0.88 U                                          | 0.73 U                                          | 1.2                                             | 0.78 U                                            |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78                                              |
| Methyl cyclohexane                                 | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Methyl tert-Butyl Ether (MTBE)                     | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Methylene chloride                                 | 1.1                                             | 1.3                                             | 1.2                                             | 1.9                                               | 2.0                                             | 2.6                                             | 1.7                                             | 2.9                                               |
| n-Hexane                                           | 1.5                                             | 1.9                                             | 1.9                                             | 2.2                                               | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Styrene                                            | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.90                                              |
| Tetrachloroethene (PCE)                            | 0.78 U                                          | 0.79 U                                          | 0.79 U                                          | 0.77 U                                            | 140                                             | 0.73 U                                          | 5.8                                             | 55                                                |
| Toluene                                            | 5.4                                             | 5.6                                             | 5.6                                             | 4.9                                               | 0.88 U                                          | 2.6                                             | 1.9                                             | 2.0                                               |
| Trichloroethene (TCE)                              | 0.16 U                                          | 0.16 U                                          | 0.16 U                                          | 0.15 U                                            | 93                                              | 16                                              | 13                                              | 0.16 U                                            |
| Trichlorofluoromethane (Freon 11)                  | 1.2                                             | 1.1                                             | 1.2                                             | 1.0                                               | 1.4                                             | 1.2                                             | 1.2                                             | 1.1                                               |
| Vinyl chloride                                     | 0.16 U                                          | 0.16 U                                          | 0.16 U                                          | 0.15 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 0.78 U                                            |
| Xylenes (m&p)                                      | 14                                              | 9.6                                             | 9.2                                             | 1.7                                               | 0.88 U                                          | 1.1                                             | 0.94                                            | 7.7                                               |
| Xylenes (o)                                        | 4.8                                             | 3.1                                             | 3.1                                             | 0.77 U                                            | 0.88 U                                          | 0.73 U                                          | 0.81 U                                          | 3.3                                               |

**Notes:**

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 11. Make-A-Wish Foundation Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-6<br>MAW<br>03/16/13<br>$\mu\text{g}/\text{m}^3$ | SS-6<br>MAW<br>03/16/13<br>$\mu\text{g}/\text{m}^3$ |
|----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.80 U                                              | 2.1                                                 |
| 1,1,1,2-Tetrachloroethane                          | 0.80 U                                              | 0.82 U                                              |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.80 U                                              | 15                                                  |
| 1,1,2-Trichloroethane                              | 0.80 U                                              | 0.82 U                                              |
| 1,1-Dichloroethane                                 | 0.80 U                                              | 0.82 U                                              |
| 1,1-Dichloroethene                                 | 0.80 U                                              | 0.82 U                                              |
| 1,1-Difluoroethane (Freon 152a)                    | 12                                                  | 8.4                                                 |
| 1,2,4-Trichlorobenzene                             | 0.80 U                                              | 0.82 U                                              |
| 1,2,4-Trimethylbenzene                             | 0.80 U                                              | 0.82 U                                              |
| 1,2-Dibromo-3-chloropropane                        | 0.80 U                                              | 0.82 U                                              |
| 1,2-Dibromoethane                                  | 0.80 U                                              | 0.82 U                                              |
| 1,2-Dichlorobenzene                                | 0.80 U                                              | 0.82 U                                              |
| 1,2-Dichloroethane                                 | 0.80 U                                              | 0.82 U                                              |
| 1,2-Dichloroethene (cis)                           | 0.80 U                                              | 1.8                                                 |
| 1,2-Dichloroethene (total)                         | 0.80 U                                              | 1.8                                                 |
| 1,2-Dichloroethene (trans)                         | 0.80 U                                              | 0.82 U                                              |
| 1,2-Dichloropropane                                | 0.80 U                                              | 0.82 U                                              |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.80 U                                              | 0.82 U                                              |
| 1,3,5-Trimethylbenzene                             | 0.80 U                                              | 0.82 U                                              |
| 1,3-Butadiene                                      | 0.80 U                                              | 0.82 U                                              |
| 1,3-Dichlorobenzene                                | 0.80 U                                              | 0.82 U                                              |
| 1,3-Dichloropropene (cis)                          | 0.80 U                                              | 0.82 U                                              |
| 1,3-Dichloropropene (trans)                        | 0.80 U                                              | 0.82 U                                              |
| 1,4-Dichlorobenzene                                | 0.80 U                                              | 0.82 U                                              |
| 1,4-Dioxane                                        | 0.80 U                                              | 0.82 U                                              |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.80 U                                              | 0.82 U                                              |
| 2-Butanone (Methyl ethyl ketone)                   | 8.0 U                                               | 8.2 U                                               |
| 3-Chloropropene (Allyl Chloride)                   | 0.80 U                                              | 0.82 U                                              |
| 4-Ethyltoluene                                     | 0.80 U                                              | 0.82 U                                              |
| 4-Methyl-2-pentanone (MIBK)                        | 0.80 U                                              | 0.82 U                                              |
| Acetone (2-propanone)                              | 9.8                                                 | 9.5                                                 |
| Benzene                                            | 0.80 U                                              | 0.82 U                                              |
| Bromodichloromethane                               | 0.80 U                                              | 0.82 U                                              |
| Bromoform                                          | 0.80 U                                              | 0.82 U                                              |
| Bromomethane (Methyl bromide)                      | 0.80 U                                              | 0.82 U                                              |
| Carbon disulfide                                   | 8.0 U                                               | 8.2 U                                               |
| Carbon tetrachloride                               | 0.55                                                | 1.3                                                 |
| Chlorobenzene                                      | 0.80 U                                              | 0.82 U                                              |
| Chlorodifluoromethane (Freon 22)                   | 5.1                                                 | 3.6                                                 |
| Chloroethane                                       | 0.80 U                                              | 0.82 U                                              |
| Chloroform                                         | 0.80 U                                              | 7.4                                                 |
| Chloromethane (Methyl chloride)                    | 0.80 U                                              | 0.82 U                                              |
| Chloropentafluoroethane (Freon 115)                | 0.80 U                                              | 0.82 U                                              |
| Cyclohexane                                        | 1.6 U                                               | 1.6 U                                               |
| Dibromochloromethane                               | 0.80 U                                              | 0.82 U                                              |
| Dichlorodifluoromethane (Freon 12)                 | 2.6                                                 | 2.5                                                 |
| Ethylbenzene                                       | 0.80 U                                              | 0.82 U                                              |
| Hexachlorobutadiene                                | 0.80 U                                              | 0.82 U                                              |
| Isopropyl Alcohol (2-Propanol)                     | 8.0 U                                               | 8.2 U                                               |
| Isopropylbenzene (Cumene)                          | 0.80 U                                              | 0.82 U                                              |
| Methyl Acetate                                     | 0.80 U                                              | 0.82 U                                              |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.80 U                                              | 0.82 U                                              |
| Methyl cyclohexane                                 | 0.80 U                                              | 0.82 U                                              |
| Methyl tert-Butyl Ether (MTBE)                     | 0.80 U                                              | 1.1                                                 |
| Methylene chloride                                 | 0.80 U                                              | 0.82 U                                              |
| n-Hexane                                           | 0.80 U                                              | 0.82 U                                              |
| Styrene                                            | 0.80 U                                              | 0.82 U                                              |
| Tetrachloroethene (PCE)                            | 0.80 U                                              | 24                                                  |
| Toluene                                            | 2.0                                                 | 1.2                                                 |
| Trichloroethene (TCE)                              | 0.16 U                                              | 60                                                  |
| Trichlorofluoromethane (Freon 11)                  | 1.3                                                 | 7.3                                                 |
| Vinyl chloride                                     | 0.16 U                                              | 0.82 U                                              |
| Xylenes (m&p)                                      | 0.80 U                                              | 1.2                                                 |
| Xylenes (o)                                        | 0.80 U                                              | 0.82 U                                              |

**Notes:**

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

$\mu\text{g}/\text{m}^3$  = Micrograms per cubic meter.

**Table 12. NSLIJ Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-7<br>NSLIJ<br>03/17/13<br>µg/m <sup>3</sup> | IA-28<br>NSLIJ<br>03/17/13<br>µg/m <sup>3</sup> | IA-29<br>NSLIJ<br>03/10/13<br>µg/m <sup>3</sup> | IA-35<br>NSLIJ<br>03/17/13<br>µg/m <sup>3</sup> | IA-F5<br>NSLIJ<br>03/17/13<br>µg/m <sup>3</sup> | IA-G4<br>NSLIJ<br>03/17/13<br>µg/m <sup>3</sup> | IA-I3<br>NSLIJ<br>03/07/13<br>µg/m <sup>3</sup> | IA-I5<br>NSLIJ<br>03/17/13<br>µg/m <sup>3</sup> | IA-K4<br>NSLIJ<br>03/17/13<br>µg/m <sup>3</sup> | IA-K7<br>NSLIJ<br>03/07/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,1,2,2-Tetrachloroethane                          | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,1,2-Trichloroethane                              | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,1-Dichloroethane                                 | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,1-Dichloroethene                                 | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,1-Difluoroethane (Freon 152a)                    | 0.79 U                                         | 4.5                                             | 0.82 U                                          | 3.0                                             | 3.8                                             | 0.78 U                                          | 1.4                                             | 4.2                                             | 4.0                                             | 0.93                                            |
| 1,2,4-Trichlorobenzene                             | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,2,4-Trimethylbenzene                             | 14                                             | 7.8                                             | 1.4                                             | 14                                              | 13                                              | 15                                              | 1.6                                             | 10                                              | 2.3                                             | 1.1                                             |
| 1,2-Dibromo-3-chloropropane                        | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,2-Dibromoethane                                  | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,2-Dichlorobenzene                                | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,2-Dichloroethane                                 | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,2-Dichloroethene (cis)                           | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,2-Dichloroethene (total)                         | 0.79 U                                         | 2.5                                             | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 1.1                                             | 0.73 U                                          | 0.77 U                                          |
| 1,2-Dichloroethene (trans)                         | 0.79 U                                         | 2.5                                             | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 1.1                                             | 0.73 U                                          | 0.77 U                                          |
| 1,2-Dichloropropane                                | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,3,5-Trimethylbenzene                             | 5.8                                            | 2.9                                             | 0.82 U                                          | 5.4                                             | 4.9                                             | 5.9                                             | 0.82 U                                          | 3.9                                             | 0.88                                            | 0.77 U                                          |
| 1,3-Butadiene                                      | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,3-Dichlorobenzene                                | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,3-Dichloropropene (cis)                          | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,3-Dichloropropene (trans)                        | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,4-Dichlorobenzene                                | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 1,4-Dioxane                                        | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 2-Butanone (Methyl ethyl ketone)                   | 7.9 U                                          | 7.9 U                                           | 8.2 U                                           | 8.0 U                                           | 8.5 U                                           | 7.8 U                                           | 8.2 U                                           | 8.1 U                                           | 7.3 U                                           | 7.7 U                                           |
| 3-Chloropropene (Allyl Chloride)                   | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| 4-Ethyltoluene                                     | 5.2                                            | 3.2                                             | 0.82 U                                          | 5.2                                             | 4.7                                             | 5.4                                             | 0.82 U                                          | 3.6                                             | 0.75                                            | 0.77 U                                          |
| 4-Methyl-2-pentanone (MIBK)                        | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Acetone (2-propanone)                              | 100                                            | 75                                              | 36                                              | 71                                              | 74                                              | 98                                              | 120                                             | 73                                              | 56                                              | 86                                              |
| Benzene                                            | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Bromodichloromethane                               | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Bromoform                                          | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Bromomethane (Methyl bromide)                      | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Carbon disulfide                                   | 7.9 U                                          | 7.9 U                                           | 8.2 U                                           | 8.0 U                                           | 8.5 U                                           | 7.8 U                                           | 8.2 U                                           | 8.1 U                                           | 7.3 U                                           | 7.7 U                                           |
| Carbon tetrachloride                               | 0.44                                           | 0.49                                            | 0.38                                            | 0.20                                            | 0.42                                            | 0.44                                            | 0.47                                            | 0.40                                            | 0.44                                            | 0.32                                            |
| Chlorobenzene                                      | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Chlorodifluoromethane (Freon 22)                   | 1.1                                            | 2.1                                             | 1.1                                             | 2.9                                             | 2.8                                             | 1.1                                             | 0.90                                            | 2.1                                             | 1.3                                             | 0.77 U                                          |
| Chloroethane                                       | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Chloroform                                         | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Chloromethane (Methyl chloride)                    | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Chloropentafluoroethane (Freon 115)                | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Cyclohexane                                        | 1.6 U                                          | 1.6 U                                           | 1.6 U                                           | 1.6 U                                           | 1.7 U                                           | 1.6 U                                           | 1.6 U                                           | 1.6 U                                           | 1.5 U                                           | 4.9                                             |
| Dibromochloromethane                               | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Dichlorodifluoromethane (Freon 12)                 | 2.1                                            | 2.4                                             | 1.9                                             | 2.0                                             | 2.0                                             | 2.1                                             | 1.9                                             | 2.0                                             | 2.0                                             | 1.9                                             |
| Ethylbenzene                                       | 0.79 U                                         | 1.1                                             | 0.82 U                                          | 1.5                                             | 1.4                                             | 0.78 U                                          | 1.4                                             | 1.2                                             | 0.73 U                                          | 0.77 U                                          |
| Hexachlorobutadiene                                | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Isopropyl Alcohol (2-Propanol)                     | 82 J                                           | 41                                              | 89 J                                            | 19 J                                            | 28 J                                            | 85 J                                            | 290                                             | 40 J                                            | 68 J                                            | 58                                              |
| Isopropylbenzene (Cumene)                          | 0.80                                           | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.81                                            | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Methyl Acetate                                     | 7.1                                            | 4.6                                             | 0.82 U                                          | 2.6                                             | 3.1                                             | 7.3                                             | 1.3                                             | 3.3                                             | 2.9                                             | 2.1                                             |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Methyl cyclohexane                                 | 0.79 U                                         | 1.8                                             | 0.82 U                                          | 2.2                                             | 2.3                                             | 0.78 U                                          | 0.82 U                                          | 2.1                                             | 0.73 U                                          | 0.77 U                                          |
| Methyl tert-Butyl Ether (MTBE)                     | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Methylene chloride                                 | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82                                            | 0.81 U                                          | 0.73 U                                          | 19                                              |
| n-Hexane                                           | 0.79 U                                         | 0.96                                            | 0.82 U                                          | 1.2                                             | 1.2                                             | 0.78 U                                          | 0.82 U                                          | 0.95                                            | 0.73 U                                          | 1.6                                             |
| Styrene                                            | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Tetrachloroethene (PCE)                            | 0.79 U                                         | 0.79 U                                          | 0.82 U                                          | 0.80 U                                          | 0.85 U                                          | 0.78 U                                          | 0.82 U                                          | 0.81 U                                          | 0.73 U                                          | 0.77 U                                          |
| Toluene                                            | 2.9                                            | 16                                              | 3.5                                             | 18                                              | 18                                              | 3.0                                             | 11                                              | 16                                              | 4.3                                             | 3.1                                             |
| Trichloroethene (TCE)                              | 0.16 U                                         | 0.16 U                                          | 0.16 U                                          | 0.16 U                                          | 0.17 U                                          | 0.16 U                                          | 0.16 U                                          | 0.16 U                                          | 0.15 U                                          | 0.15 U                                          |
| Trichlorofluoromethane (Freon 11)                  | 1.1                                            | 1.2                                             | 1.0                                             | 1.1                                             | 1.1                                             | 1.1                                             | 1.1                                             | 1.1                                             | 1.2                                             | 1.1                                             |
| Vinyl chloride                                     | 0.16 U                                         | 0.16 U                                          | 0.16 U                                          | 0.16 U                                          | 0.17 U                                          | 0.16 U                                          | 0.16 U                                          | 0.16 U                                          | 0.15 U                                          | 0.15 U                                          |
| Xylenes (m&p)                                      | 2.9                                            | 4.3                                             | 2.2                                             | 5.8                                             | 5.6                                             | 2.9                                             | 5.0                                             | 4.6                                             | 1.5                                             | 2.6                                             |
| Xylenes (o)                                        | 1.8                                            | 1.8                                             | 0.82 U                                          | 2.6                                             | 2.5                                             | 1.8                                             | 1.6                                             | 2.1                                             | 0.73 U                                          | 0.78                                            |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 12. NSLIJ Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-N9<br>NSLIJ<br>03/08/13<br>µg/m <sup>3</sup> | IA-O7<br>NSLIJ<br>03/08/13<br>µg/m <sup>3</sup> | IA-Q3.5<br>NSLIJ<br>03/10/13<br>µg/m <sup>3</sup> | IA-K8<br>NSLIJ Corridor<br>03/07/13<br>µg/m <sup>3</sup> | IA-Q5<br>NSLIJ-Admin Storage<br>03/08/13<br>µg/m <sup>3</sup> | IA-Q7<br>NSLIJ-Admin Storage<br>03/08/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|-------------------------------------------------|-------------------------------------------------|---------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,1,2,2-Tetrachloroethane                          | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,1,2-Trichloroethane                              | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,1-Dichloroethane                                 | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,1-Dichloroethene                                 | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,1-Difluoroethane (Freon 152a)                    | 7.5                                             | 9.7 [7.0]                                       | 0.83 U                                            | 1.4                                                      | 460 D                                                         | 1.0                                                           |
| 1,2,4-Trichlorobenzene                             | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,2,4-Trimethylbenzene                             | 1.2                                             | 1.5 [1.8]                                       | 0.84                                              | 1.2                                                      | 3.8                                                           | 0.81 U                                                        |
| 1,2-Dibromo-3-chloropropane                        | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,2-Dibromoethane                                  | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,2-Dichlorobenzene                                | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,2-Dichloroethane                                 | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,2-Dichloroethene (cis)                           | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,2-Dichloroethene (total)                         | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,2-Dichloroethene (trans)                         | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,2-Dichloropropane                                | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,3,5-Trimethylbenzene                             | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.6                                                           | 0.81 U                                                        |
| 1,3-Butadiene                                      | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,3-Dichlorobenzene                                | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,3-Dichloropropene (cis)                          | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,3-Dichloropropene (trans)                        | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,4-Dichlorobenzene                                | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 1,4-Dioxane                                        | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 2-Butanone (Methyl ethyl ketone)                   | 8.3 U                                           | 7.9 U [8.4 U]                                   | 8.3 U                                             | 7.9 U                                                    | 15 U                                                          | 8.1 U                                                         |
| 3-Chloropropene (Allyl Chloride)                   | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| 4-Ethyltoluene                                     | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.8                                                           | 0.81 U                                                        |
| 4-Methyl-2-pentanone (MIBK)                        | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 2.4                                                           | 0.81 U                                                        |
| Acetone (2-propanone)                              | 92                                              | 91 [130]                                        | 19                                                | 95                                                       | 260                                                           | 21                                                            |
| Benzene                                            | 0.87                                            | 0.79 U [0.86]                                   | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Bromodichloromethane                               | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Bromoform                                          | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Bromomethane (Methyl bromide)                      | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Carbon disulfide                                   | 8.3 U                                           | 7.9 U [8.4 U]                                   | 8.3 U                                             | 7.9 U                                                    | 15 U                                                          | 8.1 U                                                         |
| Carbon tetrachloride                               | 0.44                                            | 0.51 [0.61]                                     | 0.35                                              | 0.49                                                     | 0.38                                                          | 0.46                                                          |
| Chlorobenzene                                      | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Chlorodifluoromethane (Freon 22)                   | 0.83 U                                          | 0.80 [0.90]                                     | 1.1                                               | 0.79 U                                                   | 1.6                                                           | 0.81 U                                                        |
| Chloroethane                                       | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Chloroform                                         | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Chloromethane (Methyl chloride)                    | 0.83 U                                          | 0.81 [1.1]                                      | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Chloropentafluoroethane (Freon 115)                | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Cyclohexane                                        | 1.7 U                                           | 1.6 U [1.7 U]                                   | 1.7 U                                             | 4.9                                                      | 3.0 U                                                         | 1.6 U                                                         |
| Dibromochloromethane                               | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Dichlorodifluoromethane (Freon 12)                 | 2.2                                             | 2.3 [3.0]                                       | 1.9                                               | 2.3                                                      | 2.3                                                           | 2.4                                                           |
| Ethylbenzene                                       | 0.83 U                                          | 0.79 U [1.1]                                    | 0.83 U                                            | 0.79 U                                                   | 2.2                                                           | 0.81 U                                                        |
| Hexachlorobutadiene                                | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Isopropyl Alcohol (2-Propanol)                     | 68                                              | 99 [120]                                        | 140 J                                             | 83                                                       | 900 D                                                         | 120                                                           |
| Isopropylbenzene (Cumene)                          | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Methyl Acetate                                     | 1.4                                             | 1.7 [2.3]                                       | 0.83 U                                            | 2.3                                                      | 1.5 U                                                         | 0.81 U                                                        |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Methyl cyclohexane                                 | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Methyl tert-Butyl Ether (MTBE)                     | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Methylene chloride                                 | 9.8                                             | 10 [14]                                         | 0.83 U                                            | 20                                                       | 2.2                                                           | 0.81 U                                                        |
| n-Hexane                                           | 2.0                                             | 0.79 U [0.84 U]                                 | 0.83 U                                            | 1.7                                                      | 1.5 U                                                         | 0.81 U                                                        |
| Styrene                                            | 0.83 U                                          | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Tetrachloroethene (PCE)                            | 3.8                                             | 0.79 U [0.84 U]                                 | 0.83 U                                            | 0.79 U                                                   | 1.5 U                                                         | 0.81 U                                                        |
| Toluene                                            | 5.9                                             | 4.7 [6.4]                                       | 1.5                                               | 3.2                                                      | 31                                                            | 1.1                                                           |
| Trichloroethene (TCE)                              | 0.39                                            | 0.16 U [0.17 U]                                 | 0.17 U                                            | 0.16 U                                                   | 0.39                                                          | 0.16 U                                                        |
| Trichlorofluoromethane (Freon 11)                  | 1.2                                             | 1.2 [1.5]                                       | 1.1                                               | 1.2                                                      | 1.5 U                                                         | 1.2                                                           |
| Vinyl chloride                                     | 0.17 U                                          | 0.16 U [0.17 U]                                 | 0.17 U                                            | 0.16 U                                                   | 0.30 U                                                        | 0.16 U                                                        |
| Xylenes (m&p)                                      | 2.9                                             | 2.8 [3.8]                                       | 1.0                                               | 2.7                                                      | 7.9                                                           | 0.81 U                                                        |
| Xylenes (o)                                        | 0.96                                            | 0.91 [1.2]                                      | 0.83 U                                            | 0.84                                                     | 2.5                                                           | 0.81 U                                                        |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 12. NSLIJ Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-30<br>NSLIJ-Amb Surg<br>03/10/13<br>µg/m <sup>3</sup> | IA-Q1<br>NSLIJ-Amb Surg<br>03/10/13<br>µg/m <sup>3</sup> | IA-I7<br>NSLIJ-Bioskills<br>03/08/13<br>µg/m <sup>3</sup> | IA-A3<br>NSLIJ-Cancer Center<br>03/10/13<br>µg/m <sup>3</sup> | IA-C1<br>NSLIJ-Cancer Center<br>03/10/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,1,2,2-Tetrachloroethane                          | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,1,2-Trichloroethane                              | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,1-Dichloroethane                                 | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,1-Dichloroethene                                 | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,1-Difluoroethane (Freon 152a)                    | 0.82 U                                                   | 0.79 U                                                   | 15                                                        | 0.73 U                                                        | 0.75 U                                                        |
| 1,2,4-Trichlorobenzene                             | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,2,4-Trimethylbenzene                             | 0.82 U                                                   | 0.79 U                                                   | 3.0                                                       | 0.73 U                                                        | 0.75 U                                                        |
| 1,2-Dibromo-3-chloropropane                        | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,2-Dibromoethane                                  | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,2-Dichlorobenzene                                | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,2-Dichloroethane                                 | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,2-Dichloroethene (cis)                           | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,2-Dichloroethene (total)                         | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,2-Dichloroethene (trans)                         | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,2-Dichloropropane                                | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,3,5-Trimethylbenzene                             | 0.82 U                                                   | 0.79 U                                                   | 1.3                                                       | 0.73 U                                                        | 0.75 U                                                        |
| 1,3-Butadiene                                      | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,3-Dichlorobenzene                                | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,3-Dichloropropene (cis)                          | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,3-Dichloropropene (trans)                        | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,4-Dichlorobenzene                                | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 1,4-Dioxane                                        | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 2-Butanone (Methyl ethyl ketone)                   | 8.2 U                                                    | 7.9 U                                                    | 9.0 U                                                     | 7.3 U                                                         | 7.5 U                                                         |
| 3-Chloropropene (Allyl Chloride)                   | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| 4-Ethyltoluene                                     | 0.82 U                                                   | 0.79 U                                                   | 0.92                                                      | 0.73 U                                                        | 0.75 U                                                        |
| 4-Methyl-2-pentanone (MIBK)                        | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Acetone (2-propanone)                              | 14                                                       | 14                                                       | 320                                                       | 11                                                            | 7.5 U                                                         |
| Benzene                                            | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Bromodichloromethane                               | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Bromoform                                          | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Bromomethane (Methyl bromide)                      | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Carbon disulfide                                   | 8.2 U                                                    | 7.9 U                                                    | 9.0 U                                                     | 7.3 U                                                         | 7.5 U                                                         |
| Carbon tetrachloride                               | 0.37                                                     | 0.34                                                     | 0.46                                                      | 0.36                                                          | 0.15 U                                                        |
| Chlorobenzene                                      | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Chlorodifluoromethane (Freon 22)                   | 0.85                                                     | 1.2                                                      | 1.0                                                       | 1.1                                                           | 0.89                                                          |
| Chloroethane                                       | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Chloroform                                         | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Chloromethane (Methyl chloride)                    | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Chloropentafluoroethane (Freon 115)                | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Cyclohexane                                        | 1.6 U                                                    | 1.6 U                                                    | 1.8 U                                                     | 1.5 U                                                         | 1.5 U                                                         |
| Dibromochloromethane                               | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Dichlorodifluoromethane (Freon 12)                 | 1.9                                                      | 1.9                                                      | 2.1                                                       | 1.9                                                           | 1.9                                                           |
| Ethylbenzene                                       | 0.82 U                                                   | 0.79 U                                                   | 1.7                                                       | 0.73 U                                                        | 0.75 U                                                        |
| Hexachlorobutadiene                                | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Isopropyl Alcohol (2-Propanol)                     | 110 J                                                    | 130 J                                                    | 14                                                        | 7.3 UJ                                                        | 9.0 J                                                         |
| Isopropylbenzene (Cumene)                          | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Methyl Acetate                                     | 0.82 U                                                   | 0.79 U                                                   | 6.0                                                       | 0.73 U                                                        | 0.75 U                                                        |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Methyl cyclohexane                                 | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Methyl tert-Butyl Ether (MTBE)                     | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Methylene chloride                                 | 0.82 U                                                   | 0.79 U                                                   | 120                                                       | 0.73 U                                                        | 0.75 U                                                        |
| n-Hexane                                           | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Styrene                                            | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Tetrachloroethene (PCE)                            | 0.82 U                                                   | 0.79 U                                                   | 0.90 U                                                    | 0.73 U                                                        | 0.75 U                                                        |
| Toluene                                            | 1.2                                                      | 1.0                                                      | 20                                                        | 0.74                                                          | 0.82                                                          |
| Trichloroethene (TCE)                              | 0.16 U                                                   | 0.16 U                                                   | 0.18 U                                                    | 0.15 U                                                        | 0.15 U                                                        |
| Trichlorofluoromethane (Freon 11)                  | 0.99                                                     | 1.2                                                      | 1.1                                                       | 1.0                                                           | 1.0                                                           |
| Vinyl chloride                                     | 0.16 U                                                   | 0.16 U                                                   | 0.18 U                                                    | 0.15 U                                                        | 0.15 U                                                        |
| Xylenes (m&p)                                      | 0.95                                                     | 0.79 U                                                   | 6.5                                                       | 0.73 U                                                        | 0.75 U                                                        |
| Xylenes (o)                                        | 0.82 U                                                   | 0.79 U                                                   | 2.2                                                       | 0.73 U                                                        | 0.75 U                                                        |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 12. NSLIJ Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-33<br>NSLIJ-Main Street<br>03/07/13<br>µg/m <sup>3</sup> | IA-P3<br>NSLIJ-Maint Office<br>03/07/13<br>µg/m <sup>3</sup> | IA-M3<br>NSLIJ-Mammo<br>03/10/13<br>µg/m <sup>3</sup> | IA-32<br>NSLIJ-Radiology<br>03/10/13<br>µg/m <sup>3</sup> | IA-M1<br>NSLIJ-Radiology<br>03/10/13<br>µg/m <sup>3</sup> | IA-34<br>NSLIJ-Urology<br>03/10/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,1,2,2-Tetrachloroethane                          | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,1,2-Trichloroethane                              | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,1-Dichloroethane                                 | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,1-Dichloroethene                                 | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,1-Difluoroethane (Freon 152a)                    | 3.2                                                         | 1.5                                                          | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,2,4-Trichlorobenzene                             | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,2,4-Trimethylbenzene                             | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.82                                                      | 0.83 U                                                  |
| 1,2-Dibromo-3-chloropropane                        | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,2-Dibromoethane                                  | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,2-Dichlorobenzene                                | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,2-Dichloroethane                                 | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,2-Dichloroethene (cis)                           | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,2-Dichloroethene (total)                         | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,2-Dichloroethene (trans)                         | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,2-Dichloropropane                                | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,3,5-Trimethylbenzene                             | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,3-Butadiene                                      | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,3-Dichlorobenzene                                | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,3-Dichloropropene (cis)                          | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,3-Dichloropropene (trans)                        | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,4-Dichlorobenzene                                | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 1,4-Dioxane                                        | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 2-Butanone (Methyl ethyl ketone)                   | 11 U                                                        | 8.2 U                                                        | 7.4 U                                                 | 9.8 U                                                     | 7.6 U                                                     | 8.3 U                                                   |
| 3-Chloropropene (Allyl Chloride)                   | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 4-Ethyltoluene                                     | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| 4-Methyl-2-pentanone (MIBK)                        | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Acetone (2-propanone)                              | 34                                                          | 36                                                           | 19                                                    | 22                                                        | 20                                                        | 12                                                      |
| Benzene                                            | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Bromodichloromethane                               | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Bromoform                                          | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Bromomethane (Methyl bromide)                      | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Carbon disulfide                                   | 11 U                                                        | 8.2 U                                                        | 7.4 U                                                 | 9.8 U                                                     | 7.6 U                                                     | 8.3 U                                                   |
| Carbon tetrachloride                               | 0.47                                                        | 0.49                                                         | 0.34                                                  | 0.32                                                      | 0.34                                                      | 0.42                                                    |
| Chlorobenzene                                      | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Chlorodifluoromethane (Freon 22)                   | 1.1 U                                                       | 0.91                                                         | 1.0                                                   | 0.98 U                                                    | 0.98                                                      | 1.0                                                     |
| Chloroethane                                       | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Chloroform                                         | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Chloromethane (Methyl chloride)                    | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.85                                                    |
| Chloropentafluoroethane (Freon 115)                | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Cyclohexane                                        | 2.1 U                                                       | 1.6 U                                                        | 1.5 U                                                 | 2.0 U                                                     | 1.5 U                                                     | 1.7 U                                                   |
| Dibromochloromethane                               | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Dichlorodifluoromethane (Freon 12)                 | 2.0                                                         | 1.6                                                          | 1.9                                                   | 1.9                                                       | 1.9                                                       | 2.2                                                     |
| Ethylbenzene                                       | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Hexachlorobutadiene                                | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Isopropyl Alcohol (2-Propanol)                     | 250                                                         | 2,900 D                                                      | 220 J                                                 | 160 J                                                     | 360 DJ                                                    | 8.3 U                                                   |
| Isopropylbenzene (Cumene)                          | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Methyl Acetate                                     | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Methyl Butyl Ketone (2-Hexanone)                   | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Methyl cyclohexane                                 | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Methyl tert-Butyl Ether (MTBE)                     | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Methylene chloride                                 | 1.1 U                                                       | 0.82 U                                                       | 0.80                                                  | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| n-Hexane                                           | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Styrene                                            | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Tetrachloroethene (PCE)                            | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Toluene                                            | 1.6                                                         | 2.0                                                          | 2.1                                                   | 1.1                                                       | 0.93                                                      | 1.1                                                     |
| Trichloroethene (TCE)                              | 0.21 U                                                      | 0.16 U                                                       | 0.15 U                                                | 0.20 U                                                    | 0.15 U                                                    | 0.17 U                                                  |
| Trichlorofluoromethane (Freon 11)                  | 1.1 U                                                       | 1.1                                                          | 1.0                                                   | 0.99                                                      | 1.0                                                       | 1.1                                                     |
| Vinyl chloride                                     | 0.21 U                                                      | 0.16 U                                                       | 0.15 U                                                | 0.20 U                                                    | 0.15 U                                                    | 0.17 U                                                  |
| Xylenes (m&p)                                      | 1.1 U                                                       | 1.3                                                          | 0.81                                                  | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |
| Xylenes (o)                                        | 1.1 U                                                       | 0.82 U                                                       | 0.74 U                                                | 0.98 U                                                    | 0.76 U                                                    | 0.83 U                                                  |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 12. NSLIJ Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-I1<br>NSLIJ-Urology<br>03/10/13<br>µg/m <sup>3</sup> | IA-Q9<br>NSLIJ-Whse<br>03/17/13<br>µg/m <sup>3</sup> | SS-7<br>NSLIJ<br>03/17/13<br>µg/m <sup>3</sup> | SS-G4<br>NSLIJ<br>03/17/13<br>µg/m <sup>3</sup> | SS-I3<br>NSLIJ<br>03/07/13<br>µg/m <sup>3</sup> | SS-K4<br>NSLIJ<br>03/17/13<br>µg/m <sup>3</sup> | SS-K7<br>NSLIJ<br>03/07/13<br>µg/m <sup>3</sup> | SS-N9<br>NSLIJ<br>03/08/13<br>µg/m <sup>3</sup> | SS-O7<br>NSLIJ<br>03/08/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|---------------------------------------------------------|------------------------------------------------------|------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,1,2,2-Tetrachloroethane                          | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.97 U                                                  | 0.73 U                                               | 1.3                                            | 1.6 U                                           | 6.2                                             | 2.9                                             | 58                                              | 120                                             | 12 [11]                                         |
| 1,1,2-Trichloroethane                              | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,1-Dichloroethane                                 | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,1-Dichloroethene                                 | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,1-Difluoroethane (Freon 152a)                    | 0.97 U                                                  | 0.73 U                                               | 14                                             | 2.6                                             | 5.3                                             | 17                                              | 8.1 U                                           | 34 U                                            | 8.6 [8.9]                                       |
| 1,2,4-Trichlorobenzene                             | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,2,4-Trimethylbenzene                             | 0.97 U                                                  | 2.2                                                  | 0.86 U                                         | 11                                              | 1.0                                             | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,2-Dibromo-3-chloropropane                        | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,2-Dibromoethane                                  | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,2-Dichlorobenzene                                | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,2-Dichloroethane                                 | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,2-Dichloroethene (cis)                           | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,2-Dichloroethene (total)                         | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,2-Dichloroethene (trans)                         | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,2-Dichloropropane                                | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,3,5-Trimethylbenzene                             | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 4.6                                             | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,3-Butadiene                                      | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,3-Dichlorobenzene                                | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,3-Dichloropropene (cis)                          | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,3-Dichloropropene (trans)                        | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,4-Dichlorobenzene                                | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 1,4-Dioxane                                        | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 2-Butanone (Methyl ethyl ketone)                   | 9.7 U                                                   | 7.3 U                                                | 8.6 U                                          | 16 U                                            | 7.0 U                                           | 8.4 U                                           | 81 U                                            | 340 U                                           | 83 U [78 U]                                     |
| 3-Chloropropene (Allyl Chloride)                   | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 4-Ethyltoluene                                     | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 4.8                                             | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| 4-Methyl-2-pentanone (MIBK)                        | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Acetone (2-propanone)                              | 13                                                      | 62                                                   | 11                                             | 2,400 D                                         | 15                                              | 200                                             | 81 U                                            | 340 U                                           | 83 U [78 U]                                     |
| Benzene                                            | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Bromodichloromethane                               | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Bromoform                                          | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Bromomethane (Methyl bromide)                      | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Carbon disulfide                                   | 9.7 U                                                   | 7.3 U                                                | 8.6 U                                          | 16 U                                            | 10                                              | 8.4 U                                           | 81 U                                            | 340 U                                           | 83 U [78 U]                                     |
| Carbon tetrachloride                               | 0.26                                                    | 0.37                                                 | 1.4                                            | 0.34                                            | 1.1                                             | 0.87                                            | 1.6 U                                           | 6.7 U                                           | 1.7 U [1.6 U]                                   |
| Chlorobenzene                                      | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Chlorodifluoromethane (Freon 22)                   | 0.97 U                                                  | 1.0                                                  | 5.2                                            | 1.6 U                                           | 3.2                                             | 3.1                                             | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Chloroethane                                       | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Chloroform                                         | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 10 [10]                                         |
| Chloromethane (Methyl chloride)                    | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Chloropentafluoroethane (Freon 115)                | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Cyclohexane                                        | 1.9 U                                                   | 1.5 U                                                | 1.7 U                                          | 3.2 U                                           | 1.4 U                                           | 1.7 U                                           | 16 U                                            | 67 U                                            | 17 U [16 U]                                     |
| Dibromochloromethane                               | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Dichlorodifluoromethane (Freon 12)                 | 1.8                                                     | 2.0                                                  | 2.1                                            | 2.0                                             | 2.0                                             | 2.1                                             | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Ethylbenzene                                       | 0.97 U                                                  | 1.1                                                  | 0.86 U                                         | 3.2                                             | 2.3                                             | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Hexachlorobutadiene                                | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Isopropyl Alcohol (2-Propanol)                     | 35 J                                                    | 47 J                                                 | 8.6 UJ                                         | 72 J                                            | 7.0 U                                           | 8.4 UJ                                          | 81 U                                            | 340 U                                           | 83 U [78 U]                                     |
| Isopropylbenzene (Cumene)                          | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Methyl Acetate                                     | 0.97 U                                                  | 3.6                                                  | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 2.8                                             | 1.1                                             | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Methyl cyclohexane                                 | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Methyl tert-Butyl Ether (MTBE)                     | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Methylene chloride                                 | 0.97 U                                                  | 0.82                                                 | 0.86 U                                         | 1.6 U                                           | 10                                              | 0.84 U                                          | 12                                              | 34 U                                            | 12 [12]                                         |
| n-Hexane                                           | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Styrene                                            | 0.97 U                                                  | 0.73 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Tetrachloroethene (PCE)                            | 0.97 U                                                  | 0.73 U                                               | 11                                             | 1.6                                             | 22                                              | 98                                              | 3,200 D                                         | 5,100                                           | 1,200 [1,200]                                   |
| Toluene                                            | 1.5                                                     | 2.4                                                  | 4.3                                            | 27                                              | 3.4                                             | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Trichloroethene (TCE)                              | 0.19 U                                                  | 0.15 U                                               | 22                                             | 0.32 U                                          | 12                                              | 24                                              | 2.9                                             | 320                                             | 250 [240]                                       |
| Trichlorofluoromethane (Freon 11)                  | 0.98                                                    | 1.1                                                  | 1.9                                            | 1.6 U                                           | 1.7                                             | 1.5                                             | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Vinyl chloride                                     | 0.19 U                                                  | 0.15 U                                               | 0.86 U                                         | 1.6 U                                           | 0.70 U                                          | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |
| Xylenes (m&p)                                      | 0.97 U                                                  | 4.4                                                  | 1.8                                            | 13                                              | 6.5                                             | 2.3                                             | 8.1 U                                           | 34 U                                            | 14 [12]                                         |
| Xylenes (o)                                        | 0.97 U                                                  | 1.3                                                  | 0.86 U                                         | 4.9                                             | 3.1                                             | 0.84 U                                          | 8.1 U                                           | 34 U                                            | 8.3 U [7.8 U]                                   |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 12. NSLIJ Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | SS-K8<br>NSLIJ Corridor<br>03/07/13<br>µg/m <sup>3</sup> | SS-Q5<br>NSLIJ-Admin Storage<br>03/08/13<br>µg/m <sup>3</sup> | SS-Q7<br>NSLIJ-Admin Storage<br>03/08/13<br>µg/m <sup>3</sup> | SS-Q1<br>NSLIJ-Amb Surg<br>03/10/13<br>µg/m <sup>3</sup> | SS-A3<br>NSLIJ-Cancer Center<br>03/10/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,1,2,2-Tetrachloroethane                          | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 16 U                                                     | 2.3                                                           | 16                                                            | 50                                                       | 0.80 U                                                        |
| 1,1,2-Trichloroethane                              | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,1-Dichloroethane                                 | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,1-Dichloroethene                                 | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,1-Difluoroethane (Freon 152a)                    | 16 U                                                     | 39                                                            | 5.0                                                           | 0.82 U                                                   | 4.5                                                           |
| 1,2,4-Trichlorobenzene                             | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,2,4-Trimethylbenzene                             | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 1.4                                                      | 1.2                                                           |
| 1,2-Dibromo-3-chloropropane                        | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,2-Dibromoethane                                  | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,2-Dichlorobenzene                                | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,2-Dichloroethane                                 | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,2-Dichloroethene (cis)                           | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,2-Dichloroethene (total)                         | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,2-Dichloroethene (trans)                         | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,2-Dichloropropane                                | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,3,5-Trimethylbenzene                             | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,3-Butadiene                                      | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,3-Dichlorobenzene                                | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,3-Dichloropropene (cis)                          | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,3-Dichloropropene (trans)                        | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,4-Dichlorobenzene                                | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 1,4-Dioxane                                        | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 2-Butanone (Methyl ethyl ketone)                   | 160 U                                                    | 8.4 U                                                         | 34 U                                                          | 8.2 U                                                    | 8.0 U                                                         |
| 3-Chloropropene (Allyl Chloride)                   | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 4-Ethyltoluene                                     | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| 4-Methyl-2-pentanone (MIBK)                        | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Acetone (2-propanone)                              | 160 U                                                    | 14                                                            | 34 U                                                          | 31                                                       | 9.9                                                           |
| Benzene                                            | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Bromodichloromethane                               | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Bromoform                                          | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Bromomethane (Methyl bromide)                      | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Carbon disulfide                                   | 160 U                                                    | 8.4 U                                                         | 34 U                                                          | 8.2 U                                                    | 8.0 U                                                         |
| Carbon tetrachloride                               | 3.3 U                                                    | 0.67                                                          | 0.68 U                                                        | 0.16 U                                                   | 0.23                                                          |
| Chlorobenzene                                      | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Chlorodifluoromethane (Freon 22)                   | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Chloroethane                                       | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Chloroform                                         | 16 U                                                     | 3.4                                                           | 3.4 U                                                         | 1.6                                                      | 0.80 U                                                        |
| Chloromethane (Methyl chloride)                    | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Chloropentafluoroethane (Freon 115)                | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Cyclohexane                                        | 33 U                                                     | 17                                                            | 6.8 U                                                         | 1.6 U                                                    | 1.6 U                                                         |
| Dibromochloromethane                               | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Dichlorodifluoromethane (Freon 12)                 | 16 U                                                     | 2.3                                                           | 3.4 U                                                         | 1.9                                                      | 1.9                                                           |
| Ethylbenzene                                       | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.89                                                     | 0.80 U                                                        |
| Hexachlorobutadiene                                | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Isopropyl Alcohol (2-Propanol)                     | 160 U                                                    | 8.4 U                                                         | 34 U                                                          | 10 J                                                     | 8.0 UJ                                                        |
| Isopropylbenzene (Cumene)                          | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Methyl Acetate                                     | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Methyl Butyl Ketone (2-Hexanone)                   | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 1.2                                                      | 0.80 U                                                        |
| Methyl cyclohexane                                 | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Methyl tert-Butyl Ether (MTBE)                     | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Methylene chloride                                 | 16 U                                                     | 6.5                                                           | 17                                                            | 2.1                                                      | 12                                                            |
| n-Hexane                                           | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Styrene                                            | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Tetrachloroethene (PCE)                            | 2,700                                                    | 2.8                                                           | 570                                                           | 14                                                       | 2.4                                                           |
| Toluene                                            | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 2.3                                                      | 1.3                                                           |
| Trichloroethene (TCE)                              | 3.3 U                                                    | 4.6                                                           | 73                                                            | 14                                                       | 1.1                                                           |
| Trichlorofluoromethane (Freon 11)                  | 16 U                                                     | 1.3                                                           | 3.4 U                                                         | 1.7                                                      | 1.2                                                           |
| Vinyl chloride                                     | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 0.82 U                                                   | 0.80 U                                                        |
| Xylenes (m&p)                                      | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 2.5                                                      | 2.2                                                           |
| Xylenes (o)                                        | 16 U                                                     | 0.84 U                                                        | 3.4 U                                                         | 1.3                                                      | 1.0                                                           |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 12. NSLIJ Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | SS-C1<br>NSLIJ-Cancer Center<br>03/10/13<br>µg/m <sup>3</sup> | SS-33<br>NSLIJ-Main Street<br>03/10/13<br>µg/m <sup>3</sup> | SS-P3<br>NSLIJ-Maint Office<br>03/07/13<br>µg/m <sup>3</sup> | SS-M3<br>NSLIJ-Mammo<br>03/10/13<br>µg/m <sup>3</sup> | SS-M1<br>NSLIJ-Radiology<br>03/10/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,1,2,2-Tetrachloroethane                          | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 3.1                                                           | 12                                                          | 60                                                           | 14                                                    | 2.7                                                       |
| 1,1,2-Trichloroethane                              | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,1-Dichloroethane                                 | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,1-Dichloroethene                                 | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,1-Difluoroethane (Freon 152a)                    | 3.5                                                           | 3.7 J                                                       | 0.80 U                                                       | 3.8                                                   | 2.2                                                       |
| 1,2,4-Trichlorobenzene                             | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,2,4-Trimethylbenzene                             | 1.3                                                           | 0.85 U                                                      | 1.2                                                          | 1.8                                                   | 1.9                                                       |
| 1,2-Dibromo-3-chloropropane                        | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,2-Dibromoethane                                  | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,2-Dichlorobenzene                                | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,2-Dichloroethane                                 | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,2-Dichloroethene (cis)                           | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,2-Dichloroethene (total)                         | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,2-Dichloroethene (trans)                         | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,2-Dichloropropane                                | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,3,5-Trimethylbenzene                             | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,3-Butadiene                                      | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,3-Dichlorobenzene                                | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,3-Dichloropropene (cis)                          | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,3-Dichloropropene (trans)                        | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,4-Dichlorobenzene                                | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 1,4-Dioxane                                        | 1.1                                                           | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 2-Butanone (Methyl ethyl ketone)                   | 7.6 U                                                         | 8.5 U                                                       | 13                                                           | 7.5 U                                                 | 7.8 U                                                     |
| 3-Chloropropene (Allyl Chloride)                   | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 4-Ethyltoluene                                     | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| 4-Methyl-2-pentanone (MIBK)                        | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Acetone (2-propanone)                              | 11                                                            | 39                                                          | 12                                                           | 27                                                    | 19                                                        |
| Benzene                                            | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Bromodichloromethane                               | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Bromoform                                          | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Bromomethane (Methyl bromide)                      | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Carbon disulfide                                   | 8.8                                                           | 8.5 U                                                       | 8.0 U                                                        | 7.5 U                                                 | 7.8 U                                                     |
| Carbon tetrachloride                               | 0.38                                                          | 0.79                                                        | 0.36                                                         | 0.64                                                  | 0.25                                                      |
| Chlorobenzene                                      | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Chlorodifluoromethane (Freon 22)                   | 8.5                                                           | 2.7                                                         | 0.80 U                                                       | 2.1                                                   | 0.78 U                                                    |
| Chloroethane                                       | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Chloroform                                         | 4.1                                                           | 1.6                                                         | 0.84                                                         | 2.3                                                   | 0.78 U                                                    |
| Chloromethane (Methyl chloride)                    | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Chloropentafluoroethane (Freon 115)                | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Cyclohexane                                        | 1.5 U                                                         | 1.7 U                                                       | 1.6 U                                                        | 1.5 U                                                 | 1.6 U                                                     |
| Dibromochloromethane                               | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Dichlorodifluoromethane (Freon 12)                 | 1.9                                                           | 2.2                                                         | 1.9                                                          | 2.0                                                   | 1.9                                                       |
| Ethylbenzene                                       | 0.76 U                                                        | 0.85 U                                                      | 1.9                                                          | 1.4                                                   | 1.3                                                       |
| Hexachlorobutadiene                                | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Isopropyl Alcohol (2-Propanol)                     | 7.6 UJ                                                        | 8.5 U                                                       | 8.0 U                                                        | 7.5 UJ                                                | 19 J                                                      |
| Isopropylbenzene (Cumene)                          | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Methyl Acetate                                     | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Methyl cyclohexane                                 | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Methyl tert-Butyl Ether (MTBE)                     | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Methylene chloride                                 | 3.6                                                           | 18                                                          | 7.4                                                          | 8.1                                                   | 10                                                        |
| n-Hexane                                           | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.84                                                      |
| Styrene                                            | 0.76 U                                                        | 0.85 U                                                      | 0.92                                                         | 0.75 U                                                | 0.78 U                                                    |
| Tetrachloroethene (PCE)                            | 6.1                                                           | 47                                                          | 7.4                                                          | 33                                                    | 6.1                                                       |
| Toluene                                            | 1.6                                                           | 0.85 U                                                      | 2.5                                                          | 2.0                                                   | 4.0                                                       |
| Trichloroethene (TCE)                              | 15                                                            | 18                                                          | 7.0                                                          | 33                                                    | 2.0                                                       |
| Trichlorofluoromethane (Freon 11)                  | 4.1                                                           | 1.9                                                         | 1.7                                                          | 3.6                                                   | 3.1                                                       |
| Vinyl chloride                                     | 0.76 U                                                        | 0.85 U                                                      | 0.80 U                                                       | 0.75 U                                                | 0.78 U                                                    |
| Xylenes (m&p)                                      | 2.3                                                           | 0.85 U                                                      | 7.6                                                          | 3.8                                                   | 3.6                                                       |
| Xylenes (o)                                        | 0.98                                                          | 0.85 U                                                      | 3.1                                                          | 2.0                                                   | 1.7                                                       |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 12. NSLIJ Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | SS-I1<br>NSLIJ-Urology<br>03/10/13<br>µg/m <sup>3</sup> | SS-Q9<br>NSLIJ-Whse<br>03/17/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|---------------------------------------------------------|------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.76 U                                                  | 0.80 U                                               |
| 1,1,1,2-Tetrachloroethane                          | 0.76 U                                                  | 0.80 U                                               |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 2.5                                                     | 3.7                                                  |
| 1,1,2-Trichloroethane                              | 0.76 U                                                  | 0.80 U                                               |
| 1,1-Dichloroethane                                 | 0.76 U                                                  | 0.80 U                                               |
| 1,1-Dichloroethene                                 | 0.76 U                                                  | 0.80 U                                               |
| 1,1-Difluoroethane (Freon 152a)                    | 0.76 U                                                  | 0.80 U                                               |
| 1,2,4-Trichlorobenzene                             | 0.76 U                                                  | 0.80 U                                               |
| 1,2,4-Trimethylbenzene                             | 1.8                                                     | 1.5                                                  |
| 1,2-Dibromo-3-chloropropane                        | 0.76 U                                                  | 0.80 U                                               |
| 1,2-Dibromoethane                                  | 0.76 U                                                  | 0.80 U                                               |
| 1,2-Dichlorobenzene                                | 0.76 U                                                  | 0.80 U                                               |
| 1,2-Dichloroethane                                 | 0.76 U                                                  | 0.80 U                                               |
| 1,2-Dichloroethene (cis)                           | 0.76 U                                                  | 0.80 U                                               |
| 1,2-Dichloroethene (total)                         | 0.76 U                                                  | 0.80 U                                               |
| 1,2-Dichloroethene (trans)                         | 0.76 U                                                  | 0.80 U                                               |
| 1,2-Dichloropropane                                | 0.76 U                                                  | 0.80 U                                               |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.76 U                                                  | 0.80 U                                               |
| 1,3,5-Trimethylbenzene                             | 0.76 U                                                  | 0.80 U                                               |
| 1,3-Butadiene                                      | 0.76 U                                                  | 0.80 U                                               |
| 1,3-Dichlorobenzene                                | 0.76 U                                                  | 0.80 U                                               |
| 1,3-Dichloropropene (cis)                          | 0.76 U                                                  | 0.80 U                                               |
| 1,3-Dichloropropene (trans)                        | 0.76 U                                                  | 0.80 U                                               |
| 1,4-Dichlorobenzene                                | 0.76 U                                                  | 0.80 U                                               |
| 1,4-Dioxane                                        | 0.76 U                                                  | 0.80 U                                               |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.76 U                                                  | 0.80 U                                               |
| 2-Butanone (Methyl ethyl ketone)                   | 8.2                                                     | 8.0 U                                                |
| 3-Chloropropene (Allyl Chloride)                   | 0.76 U                                                  | 0.80 U                                               |
| 4-Ethyltoluene                                     | 0.76 U                                                  | 0.80 U                                               |
| 4-Methyl-2-pentanone (MIBK)                        | 0.96                                                    | 0.80 U                                               |
| Acetone (2-propanone)                              | 19                                                      | 14                                                   |
| Benzene                                            | 0.76 U                                                  | 0.80 U                                               |
| Bromodichloromethane                               | 0.76 U                                                  | 0.80 U                                               |
| Bromoform                                          | 0.76 U                                                  | 0.80 U                                               |
| Bromomethane (Methyl bromide)                      | 0.76 U                                                  | 0.80 U                                               |
| Carbon disulfide                                   | 7.6 U                                                   | 8.0 U                                                |
| Carbon tetrachloride                               | 0.32                                                    | 0.35                                                 |
| Chlorobenzene                                      | 0.76 U                                                  | 0.80 U                                               |
| Chlorodifluoromethane (Freon 22)                   | 0.76 U                                                  | 0.80 U                                               |
| Chloroethane                                       | 0.76 U                                                  | 0.80 U                                               |
| Chloroform                                         | 0.76 U                                                  | 1.1                                                  |
| Chloromethane (Methyl chloride)                    | 0.76 U                                                  | 0.80 U                                               |
| Chloropentafluoroethane (Freon 115)                | 0.76 U                                                  | 0.80 U                                               |
| Cyclohexane                                        | 1.5 U                                                   | 1.6 U                                                |
| Dibromochloromethane                               | 0.76 U                                                  | 0.80 U                                               |
| Dichlorodifluoromethane (Freon 12)                 | 1.8                                                     | 2.1                                                  |
| Ethylbenzene                                       | 1.9                                                     | 0.80 U                                               |
| Hexachlorobutadiene                                | 0.76 U                                                  | 0.80 U                                               |
| Isopropyl Alcohol (2-Propanol)                     | 9.3                                                     | 8.0 UJ                                               |
| Isopropylbenzene (Cumene)                          | 0.76 U                                                  | 0.80 U                                               |
| Methyl Acetate                                     | 0.76 U                                                  | 0.80 U                                               |
| Methyl Butyl Ketone (2-Hexanone)                   | 1.2                                                     | 0.80 U                                               |
| Methyl cyclohexane                                 | 0.76 U                                                  | 0.80 U                                               |
| Methyl tert-Butyl Ether (MTBE)                     | 0.76 U                                                  | 0.80 U                                               |
| Methylene chloride                                 | 3.7                                                     | 0.80 U                                               |
| n-Hexane                                           | 0.76 U                                                  | 0.80 U                                               |
| Styrene                                            | 0.95                                                    | 0.80 U                                               |
| Tetrachloroethene (PCE)                            | 8.3                                                     | 27                                                   |
| Toluene                                            | 3.5                                                     | 0.80 U                                               |
| Trichloroethene (TCE)                              | 1.6                                                     | 2.7                                                  |
| Trichlorofluoromethane (Freon 11)                  | 0.99                                                    | 1.1                                                  |
| Vinyl chloride                                     | 0.76 U                                                  | 0.80 U                                               |
| Xylenes (m&p)                                      | 6.0                                                     | 2.2                                                  |
| Xylenes (o)                                        | 2.6                                                     | 0.80 U                                               |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 13. Polar Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-1<br>Polar<br>03/04/13<br>µg/m <sup>3</sup> | IA-M17<br>Polar<br>03/04/13<br>µg/m <sup>3</sup> | IA-M19<br>Polar<br>03/04/13<br>µg/m <sup>3</sup> | IA-Q17<br>Polar<br>03/04/13<br>µg/m <sup>3</sup> | SS-1<br>Polar<br>03/04/13<br>µg/m <sup>3</sup> | SS-M17<br>Polar<br>03/04/13<br>µg/m <sup>3</sup> | SS-M19<br>Polar<br>03/04/13<br>µg/m <sup>3</sup> | SS-Q17<br>Polar<br>03/04/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 3.8                                            | 3.3 U                                            | 2.1                                              | 2.8 U                                            |
| 1,1,2,2-Tetrachloroethane                          | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 7.1                                            | 14                                               | 25                                               | 7.4                                              |
| 1,1,2-Trichloroethane                              | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,1-Dichloroethane                                 | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,1-Dichloroethene                                 | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,1-Difluoroethane (Freon 152a)                    | 1.7                                            | 0.86 U                                           | 1.0                                              | 0.95 U                                           | 13                                             | 14                                               | 4.3                                              | 4.4                                              |
| 1,2,4-Trichlorobenzene                             | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,2,4-Trimethylbenzene                             | 1.4                                            | 0.86 U                                           | 1.4                                              | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 2.7                                              | 2.8 U                                            |
| 1,2-Dibromo-3-chloropropane                        | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,2-Dibromoethane                                  | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,2-Dichlorobenzene                                | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,2-Dichloroethane                                 | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,2-Dichloroethene (cis)                           | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 110                                            | 14                                               | 1.1                                              | 19                                               |
| 1,2-Dichloroethene (total)                         | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 110                                            | 14                                               | 1.1                                              | 19                                               |
| 1,2-Dichloroethene (trans)                         | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.8                                            | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,2-Dichloropropane                                | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,3,5-Trimethylbenzene                             | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,3-Butadiene                                      | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,3-Dichlorobenzene                                | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,3-Dichloropropene (cis)                          | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,3-Dichloropropene (trans)                        | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,4-Dichlorobenzene                                | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 1,4-Dioxane                                        | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 2-Butanone (Methyl ethyl ketone)                   | 8.9 U                                          | 8.6 U                                            | 9.0 U                                            | 9.5 U                                            | 16 U                                           | 33 U                                             | 8.8 U                                            | 28 U                                             |
| 3-Chloropropene (Allyl Chloride)                   | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 4-Ethyltoluene                                     | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| 4-Methyl-2-pentanone (MIBK)                        | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.94                                             | 2.8 U                                            |
| Acetone (2-propanone)                              | 20                                             | 12                                               | 18                                               | 11                                               | 23                                             | 33 U                                             | 17                                               | 29                                               |
| Benzene                                            | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Bromodichloromethane                               | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Bromoform                                          | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Bromomethane (Methyl bromide)                      | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Carbon disulfide                                   | 8.9 U                                          | 8.6 U                                            | 9.0 U                                            | 9.5 U                                            | 16 U                                           | 33 U                                             | 8.8 U                                            | 28 U                                             |
| Carbon tetrachloride                               | 0.32                                           | 0.17 U                                           | 0.26                                             | 0.32                                             | 2.2                                            | 0.66 U                                           | 0.30                                             | 0.57 U                                           |
| Chlorobenzene                                      | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Chlorodifluoromethane (Freon 22)                   | 0.91                                           | 1.2                                              | 0.90 U                                           | 1.0                                              | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Chloroethane                                       | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Chloroform                                         | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 6.4                                            | 4.3                                              | 0.88 U                                           | 2.8 U                                            |
| Chloromethane (Methyl chloride)                    | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Chloropentafluoroethane (Freon 115)                | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Cyclohexane                                        | 1.8 U                                          | 1.7 U                                            | 1.8 U                                            | 1.9 U                                            | 3.2 U                                          | 6.6 U                                            | 1.8 U                                            | 5.7 U                                            |
| Dibromochloromethane                               | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Dichlorodifluoromethane (Freon 12)                 | 2.0                                            | 2.0                                              | 1.9                                              | 1.9                                              | 1.9                                            | 3.3 U                                            | 1.9                                              | 2.8 U                                            |
| Ethylbenzene                                       | 1.8                                            | 1.4                                              | 1.7                                              | 1.2                                              | 1.6 U                                          | 13                                               | 4.5                                              | 8.7                                              |
| Hexachlorobutadiene                                | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Isopropyl Alcohol (2-Propanol)                     | 130 J                                          | 19 J                                             | 65 J                                             | 11 J                                             | 16 UJ                                          | 33 UJ                                            | 8.8 UJ                                           | 28 UJ                                            |
| Isopropylbenzene (Cumene)                          | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 1.5                                              | 2.8 U                                            |
| Methyl Acetate                                     | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Methyl cyclohexane                                 | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Methyl tert-Butyl Ether (MTBE)                     | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Methylene chloride                                 | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 10                                             | 20                                               | 17                                               | 21                                               |
| n-Hexane                                           | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Styrene                                            | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 1.6 U                                          | 3.3 U                                            | 0.98                                             | 2.8 U                                            |
| Tetrachloroethene (PCE)                            | 0.89 U                                         | 0.86 U                                           | 0.90 U                                           | 0.95 U                                           | 980 D                                          | 540                                              | 66                                               | 440                                              |
| Toluene                                            | 2.3                                            | 1.3                                              | 1.4                                              | 1.2                                              | 1.6 U                                          | 3.3 U                                            | 2.8                                              | 2.8 U                                            |
| Trichloroethene (TCE)                              | 0.20                                           | 0.17 U                                           | 0.18 U                                           | 0.19 U                                           | 680 D                                          | 250                                              | 180                                              | 77                                               |
| Trichlorofluoromethane (Freon 11)                  | 1.1                                            | 1.0                                              | 1.1                                              | 1.0                                              | 1.6 U                                          | 3.3 U                                            | 1.9                                              | 2.8 U                                            |
| Vinyl chloride                                     | 0.18 U                                         | 0.17 U                                           | 0.18 U                                           | 0.19 U                                           | 1.6 U                                          | 3.3 U                                            | 0.88 U                                           | 2.8 U                                            |
| Xylenes (m&p)                                      | 6.9                                            | 4.3                                              | 6.8                                              | 3.8                                              | 1.6 U                                          | 34                                               | 7.5                                              | 17                                               |
| Xylenes (o)                                        | 2.2                                            | 1.1                                              | 2.2                                              | 1.0                                              | 1.6 U                                          | 15                                               | 5.9                                              | 8.3                                              |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 14. Stellae Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-9<br>Stellae<br>03/23/13<br>µg/m <sup>3</sup> | IA-25<br>Stellae<br>03/23/13<br>µg/m <sup>3</sup> | IA-26<br>Stellae<br>03/23/13<br>µg/m <sup>3</sup> | IA-115<br>Stellae<br>03/23/13<br>µg/m <sup>3</sup> | IA-M13<br>Stellae<br>03/23/13<br>µg/m <sup>3</sup> | IA-23<br>NY Times - Maint<br>03/22/13<br>µg/m <sup>3</sup> | IA-NYTM-2<br>Stellae<br>03/22/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|--------------------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,1,2,2-Tetrachloroethane                          | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,1,2-Trichloroethane                              | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,1-Dichloroethane                                 | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,1-Dichloroethene                                 | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,1-Difluoroethane (Freon 152a)                    | 3.3 [3.3]                                        | 3.3                                               | 4.3                                               | 3.2 [3.2]                                          | 4.1 [3.9]                                          | 0.79 U [0.78 U]                                            | 1.5                                                   |
| 1,2,4-Trichlorobenzene                             | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,2,4-Trimethylbenzene                             | 1.2 [1.1]                                        | 1.1                                               | 1.1                                               | 1.0 [0.98]                                         | 0.82 U [1.1]                                       | 1.2 [1.3]                                                  | 1.3                                                   |
| 1,2-Dibromo-3-chloropropane                        | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,2-Dibromoethane                                  | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,2-Dichlorobenzene                                | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,2-Dichloroethane                                 | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,2-Dichloroethene (cis)                           | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,2-Dichloroethene (total)                         | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 2.6 [2.6]                                                  | 2.1                                                   |
| 1,2-Dichloroethene (trans)                         | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 2.6 [2.6]                                                  | 2.1                                                   |
| 1,2-Dichloropropane                                | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,3,5-Trimethylbenzene                             | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,3-Butadiene                                      | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,3-Dichlorobenzene                                | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,3-Dichloropropene (cis)                          | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,3-Dichloropropene (trans)                        | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,4-Dichlorobenzene                                | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 1,4-Dioxane                                        | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 2-Butanone (Methyl ethyl ketone)                   | 9.5 U [8.7 U]                                    | 8.9 U                                             | 8.2 U                                             | 8.7 U [8.7 U]                                      | 8.2 U [8.4 U]                                      | 51 [55]                                                    | 55                                                    |
| 3-Chloropropene (Allyl Chloride)                   | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 4-Ethyltoluene                                     | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| 4-Methyl-2-pentanone (MIBK)                        | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Acetone (2-propanone)                              | 38 [40]                                          | 28                                                | 33                                                | 32 [34]                                            | 37 [34]                                            | 100 [110]                                                  | 120                                                   |
| Benzene                                            | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 1.4 [1.4]                                                  | 2.0                                                   |
| Bromodichloromethane                               | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Bromoform                                          | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Bromomethane (Methyl bromide)                      | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Carbon disulfide                                   | 9.5 U [8.7 U]                                    | 8.9 U                                             | 8.2 U                                             | 8.7 U [8.7 U]                                      | 8.2 U [8.4 U]                                      | 7.9 U [7.8 U]                                              | 8.4 U                                                 |
| Carbon tetrachloride                               | 0.42 [0.42]                                      | 0.45                                              | 0.39                                              | 0.44 [0.41]                                        | 0.40 [0.39]                                        | 0.36 [0.37]                                                | 0.34                                                  |
| Chlorobenzene                                      | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Chlorodifluoromethane (Freon 22)                   | 2.1 [2.0]                                        | 2.1                                               | 2.0                                               | 2.0 [1.9]                                          | 2.0 [2.0]                                          | 0.94 [0.87]                                                | 0.96                                                  |
| Chloroethane                                       | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Chloroform                                         | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Chloromethane (Methyl chloride)                    | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.92 [0.97]                                                | 0.95                                                  |
| Chloropentafluoroethane (Freon 115)                | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Cyclohexane                                        | 6.2 [6.4]                                        | 5.1                                               | 6.1                                               | 5.1 [5.1]                                          | 6.6 [6.8]                                          | 1.6 U [1.6 U]                                              | 1.7                                                   |
| Dibromochloromethane                               | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Dichlorodifluoromethane (Freon 12)                 | 2.1 [2.0]                                        | 2.1                                               | 2.1                                               | 2.0 [2.1]                                          | 2.1 [2.1]                                          | 2.4 [2.3]                                                  | 2.3                                                   |
| Ethylbenzene                                       | 1.1 [1.1]                                        | 1.0                                               | 1.1                                               | 0.97 [0.98]                                        | 1.0 [1.1]                                          | 3.2 [3.2]                                                  | 4.2                                                   |
| Hexachlorobutadiene                                | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Isopropyl Alcohol (2-Propanol)                     | 9.5 UJ [8.7 UJ]                                  | 8.9 UJ                                            | 8.2 UJ                                            | 8.7 UJ [8.7 UJ]                                    | 8.2 UJ [8.4 UJ]                                    | 7.9 U [7.8 U]                                              | 8.4 U                                                 |
| Isopropylbenzene (Cumene)                          | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Methyl Acetate                                     | 2.3 [2.3]                                        | 2.5                                               | 2.6                                               | 2.6 [2.9]                                          | 2.1 [2.2]                                          | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Methyl cyclohexane                                 | 0.95 U [0.93]                                    | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.89]                                              | 1.1                                                   |
| Methyl tert-Butyl Ether (MTBE)                     | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 0.79 U [0.78 U]                                            | 0.84 U                                                |
| Methylene chloride                                 | 3.5 [3.4]                                        | 4.1                                               | 4.1                                               | 4.6 [4.3]                                          | 3.3 [3.3]                                          | 1.6 [1.6]                                                  | 2.0                                                   |
| n-Hexane                                           | 0.95 U [0.87 U]                                  | 0.89 U                                            | 1.0                                               | 0.87 U [0.87 U]                                    | 0.89 [0.88]                                        | 2.5 [2.6]                                                  | 4.2                                                   |
| Styrene                                            | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 2.5 [2.5]                                                  | 2.1                                                   |
| Tetrachloroethene (PCE)                            | 0.95 U [0.87 U]                                  | 0.89 U                                            | 0.82 U                                            | 0.87 U [0.87 U]                                    | 0.82 U [0.84 U]                                    | 3.4 [3.6]                                                  | 3.8                                                   |
| Toluene                                            | 28 [28]                                          | 25                                                | 42                                                | 25 [24]                                            | 31 [32]                                            | 8.4 [7.1]                                                  | 26                                                    |
| Trichloroethene (TCE)                              | 0.19 U [0.17 U]                                  | 0.18 U                                            | 0.16 U                                            | 0.17 U [0.17 U]                                    | 0.16 U [0.17 U]                                    | 0.16 U [0.16 U]                                            | 0.17 U                                                |
| Trichlorofluoromethane (Freon 11)                  | 1.1 [1.1]                                        | 1.1                                               | 1.1                                               | 1.1 [1.1]                                          | 1.2 [1.1]                                          | 1.2 [1.2]                                                  | 1.2                                                   |
| Vinyl chloride                                     | 0.19 U [0.17 U]                                  | 0.18 U                                            | 0.16 U                                            | 0.17 U [0.17 U]                                    | 0.16 U [0.17 U]                                    | 0.16 U [0.16 U]                                            | 0.17 U                                                |
| Xylenes (m&p)                                      | 3.4 [3.4]                                        | 3.2                                               | 3.6                                               | 3.1 [3.1]                                          | 3.3 [3.5]                                          | 13 [13]                                                    | 16                                                    |
| Xylenes (o)                                        | 0.95 U [0.88]                                    | 0.89                                              | 0.97                                              | 0.87 U [0.87 U]                                    | 0.86 [0.91]                                        | 4.2 [4.2]                                                  | 5.3                                                   |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated

U = The compound was analyzed for but not detected. The associated value is the compound

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 14. Stellae Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | SS-23<br>Stellae<br>03/21/13<br>µg/m <sup>3</sup> | SS-NYTM-2<br>NY Times - Maint<br>03/22/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,1,2,2-Tetrachloroethane                          | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 66 [67]                                           | 38                                                             |
| 1,1,2-Trichloroethane                              | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,1-Dichloroethane                                 | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,1-Dichloroethene                                 | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,1-Difluoroethane (Freon 152a)                    | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,2,4-Trichlorobenzene                             | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,2,4-Trimethylbenzene                             | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,2-Dibromo-3-chloropropane                        | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,2-Dibromoethane                                  | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,2-Dichlorobenzene                                | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,2-Dichloroethane                                 | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,2-Dichloroethene (cis)                           | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,2-Dichloroethene (total)                         | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,2-Dichloroethene (trans)                         | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,2-Dichloropropane                                | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,3,5-Trimethylbenzene                             | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,3-Butadiene                                      | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,3-Dichlorobenzene                                | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,3-Dichloropropene (cis)                          | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,3-Dichloropropene (trans)                        | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,4-Dichlorobenzene                                | 12 U [12 U]                                       | 0.88 U                                                         |
| 1,4-Dioxane                                        | 12 U [12 U]                                       | 0.88 U                                                         |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 12 U [12 U]                                       | 0.88 U                                                         |
| 2-Butanone (Methyl ethyl ketone)                   | 120 U [120 U]                                     | 8.8 U                                                          |
| 3-Chloropropene (Allyl Chloride)                   | 12 U [12 U]                                       | 0.88 U                                                         |
| 4-Ethyltoluene                                     | 12 U [12 U]                                       | 0.88 U                                                         |
| 4-Methyl-2-pentanone (MIBK)                        | 12 U [12 U]                                       | 0.88 U                                                         |
| Acetone (2-propanone)                              | 120 U [120 U]                                     | 8.8 U                                                          |
| Benzene                                            | 12 U [12 U]                                       | 0.88 U                                                         |
| Bromodichloromethane                               | 12 U [12 U]                                       | 0.88 U                                                         |
| Bromoform                                          | 12 U [12 U]                                       | 0.88 U                                                         |
| Bromomethane (Methyl bromide)                      | 12 U [12 U]                                       | 0.88 U                                                         |
| Carbon disulfide                                   | 120 U [120 U]                                     | 8.8 U                                                          |
| Carbon tetrachloride                               | 2.4 U [2.5 U]                                     | 0.18                                                           |
| Chlorobenzene                                      | 12 U [12 U]                                       | 0.88 U                                                         |
| Chlorodifluoromethane (Freon 22)                   | 12 U [12 U]                                       | 0.88 U                                                         |
| Chloroethane                                       | 12 U [12 U]                                       | 0.88 U                                                         |
| Chloroform                                         | 12 U [12 U]                                       | 0.88 U                                                         |
| Chloromethane (Methyl chloride)                    | 12 U [12 U]                                       | 0.88 U                                                         |
| Chloropentafluoroethane (Freon 115)                | 12 U [12 U]                                       | 0.88 U                                                         |
| Cyclohexane                                        | 24 U [25 U]                                       | 1.8 U                                                          |
| Dibromochloromethane                               | 12 U [12 U]                                       | 0.88 U                                                         |
| Dichlorodifluoromethane (Freon 12)                 | 12 U [12 U]                                       | 2.2                                                            |
| Ethylbenzene                                       | 12 U [12 U]                                       | 0.88 U                                                         |
| Hexachlorobutadiene                                | 12 U [12 U]                                       | 0.88 U                                                         |
| Isopropyl Alcohol (2-Propanol)                     | 120 U [120 U]                                     | 8.8 U                                                          |
| Isopropylbenzene (Cumene)                          | 12 U [12 U]                                       | 0.88 U                                                         |
| Methyl Acetate                                     | 12 U [12 U]                                       | 0.88 U                                                         |
| Methyl Butyl Ketone (2-Hexanone)                   | 12 U [12 U]                                       | 0.88 U                                                         |
| Methyl cyclohexane                                 | 12 U [12 U]                                       | 0.88 U                                                         |
| Methyl tert-Butyl Ether (MTBE)                     | 12 U [12 U]                                       | 0.88 U                                                         |
| Methylene chloride                                 | 12 U [12 U]                                       | 0.88 U                                                         |
| n-Hexane                                           | 12 U [12 U]                                       | 0.88 U                                                         |
| Styrene                                            | 12 U [12 U]                                       | 0.88 U                                                         |
| Tetrachloroethene (PCE)                            | 2,100 [1,900]                                     | 730 D                                                          |
| Toluene                                            | 12 U [12 U]                                       | 0.95                                                           |
| Trichloroethene (TCE)                              | 12 [12]                                           | 6.7                                                            |
| Trichlorofluoromethane (Freon 11)                  | 12 U [12 U]                                       | 1.4                                                            |
| Vinyl chloride                                     | 12 U [12 U]                                       | 0.88 U                                                         |
| Xylenes (m&p)                                      | 12 U [12 U]                                       | 2.0                                                            |
| Xylenes (o)                                        | 12 U [12 U]                                       | 0.88 U                                                         |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 15. Winthrop Management Sampling Results  
Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-A11<br>B2/B3<br>02/22/12<br>µg/m <sup>3</sup> | IA-H10<br>Atrium<br>03/13/13<br>µg/m <sup>3</sup> | IA-40<br>B2/B3<br>02/27/13<br>µg/m <sup>3</sup> | IA-A11<br>B2/B3<br>02/26/13<br>µg/m <sup>3</sup> | IA-B2B3 Center<br>B2/B3<br>02/27/13<br>µg/m <sup>3</sup> | IA-C11<br>B2/B3<br>02/26/13<br>µg/m <sup>3</sup> | IA-F12<br>B2/B3<br>02/26/13<br>µg/m <sup>3</sup> | IA-G11<br>B2/B3<br>02/27/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|--------------------------------------------------|---------------------------------------------------|-------------------------------------------------|--------------------------------------------------|----------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,1,2,2-Tetrachloroethane                          | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.75 U                                           | 0.88                                              | 0.90 [0.89 U]                                   | 0.87 U                                           | 0.87                                                     | 0.90 U                                           | 0.88 U                                           | 0.87                                             |
| 1,1,2-Trichloroethane                              | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,1-Dichloroethane                                 | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,1-Dichloroethene                                 | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,1-Difluoroethane (Freon 152a)                    | 8.2                                              | 7.8                                               | 4.5 [3.7]                                       | 5.7                                              | 4.3                                                      | 6.4                                              | 8.3                                              | 4.7                                              |
| 1,2,4-Trichlorobenzene                             | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,2,4-Trimethylbenzene                             | 0.75 U                                           | 7.1                                               | 0.96 [0.89 U]                                   | 0.87 U                                           | 0.86                                                     | 0.90 U                                           | 0.88 U                                           | 0.89                                             |
| 1,2-Dibromo-3-chloropropane                        | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,2-Dibromoethane                                  | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,2-Dichlorobenzene                                | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,2-Dichloroethane                                 | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,2-Dichloroethene (cis)                           | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,2-Dichloroethene (total)                         | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,2-Dichloroethene (trans)                         | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,2-Dichloropropane                                | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,3,5-Trimethylbenzene                             | 0.75 U                                           | 2.6                                               | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,3-Butadiene                                      | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,3-Dichlorobenzene                                | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,3-Dichloropropene (cis)                          | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,3-Dichloropropene (trans)                        | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,4-Dichlorobenzene                                | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 1,4-Dioxane                                        | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 2-Butanone (Methyl ethyl ketone)                   | 7.5 U                                            | 8.5 U                                             | 8.3 U [8.9 U]                                   | 8.7 U                                            | 8.5 U                                                    | 9.0 U                                            | 8.8 U                                            | 8.2 U                                            |
| 3-Chloropropene (Allyl Chloride)                   | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 4-Ethyltoluene                                     | 0.75 U                                           | 1.7                                               | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| 4-Methyl-2-pentanone (MIBK)                        | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Acetone (2-propanone)                              | 13                                               | 110                                               | 19 [17]                                         | 9.4                                              | 16                                                       | 12                                               | 17                                               | 21                                               |
| Benzene                                            | 0.94                                             | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.94                                             |
| Bromodichloromethane                               | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Bromoform                                          | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Bromomethane (Methyl bromide)                      | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Carbon disulfide                                   | 7.5 U                                            | 8.5 U                                             | 8.3 U [8.9 U]                                   | 8.7 U                                            | 8.5 U                                                    | 9.0 U                                            | 8.8 U                                            | 8.2 U                                            |
| Carbon tetrachloride                               | 0.36                                             | 0.47                                              | 0.65 [0.53]                                     | 0.42                                             | 0.58                                                     | 0.42                                             | 0.39                                             | 0.75                                             |
| Chlorobenzene                                      | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Chlorodifluoromethane (Freon 22)                   | 1.5                                              | 2.0                                               | 1.4 [1.4]                                       | 1.1                                              | 1.5                                                      | 1.1                                              | 1.2                                              | 1.4                                              |
| Chloroethane                                       | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Chloroform                                         | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Chloromethane (Methyl chloride)                    | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Chloropentafluoroethane (Freon 115)                | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Cyclohexane                                        | 1.5 U                                            | 5.8                                               | 1.7 [1.8 U]                                     | 1.7 U                                            | 1.7 U                                                    | 1.8 U                                            | 1.9                                              | 1.6 U                                            |
| Dibromochloromethane                               | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Dichlorodifluoromethane (Freon 12)                 | 2.1                                              | 2.2                                               | 2.6 [2.6]                                       | 1.9                                              | 2.6                                                      | 2.0                                              | 1.9                                              | 2.6                                              |
| Ethylbenzene                                       | 0.75 U                                           | 3.8                                               | 1.4 [1.0]                                       | 0.87 U                                           | 1.4                                                      | 0.90 U                                           | 0.88 U                                           | 1.5                                              |
| Hexachlorobutadiene                                | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Isopropyl Alcohol (2-Propanol)                     | 24                                               | 11                                                | 22 [24]                                         | 8.7 U                                            | 24                                                       | 9.0 U                                            | 22                                               | 44                                               |
| Isopropylbenzene (Cumene)                          | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Methyl Acetate                                     | 1.2                                              | 16                                                | 3.3 [3.0]                                       | 3.0                                              | 3.7                                                      | 3.5                                              | 4.5                                              | 4.1                                              |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Methyl cyclohexane                                 | 0.75 U                                           | 0.86                                              | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.90                                             |
| Methyl tert-Butyl Ether (MTBE)                     | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Methylene chloride                                 | 1.3                                              | 3.8                                               | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| n-Hexane                                           | 0.75 U                                           | 0.89                                              | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Styrene                                            | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Tetrachloroethene (PCE)                            | 0.75 U                                           | 0.85 U                                            | 0.83 U [0.89 U]                                 | 0.87 U                                           | 0.85 U                                                   | 0.90 U                                           | 0.88 U                                           | 0.82 U                                           |
| Toluene                                            | 5.0                                              | 7.7                                               | 2.3 [1.9]                                       | 1.6                                              | 2.3                                                      | 1.7                                              | 2.1                                              | 2.7                                              |
| Trichloroethene (TCE)                              | 0.15 U                                           | 0.20                                              | 0.17 U [0.18 U]                                 | 0.17 U                                           | 0.17 U                                                   | 0.18 U                                           | 0.18 U                                           | 0.16 U                                           |
| Trichlorofluoromethane (Freon 11)                  | 1.2                                              | 1.2                                               | 1.3 [1.3]                                       | 1.1                                              | 1.3                                                      | 1.1                                              | 1.1                                              | 1.3                                              |
| Vinyl chloride                                     | 0.75 U                                           | 0.17 U                                            | 0.17 U [0.18 U]                                 | 0.17 U                                           | 0.17 U                                                   | 0.18 U                                           | 0.18 U                                           | 0.16 U                                           |
| Xylenes (m&p)                                      | 1.3                                              | 17                                                | 5.1 [4.0]                                       | 1.8                                              | 5.4                                                      | 1.9                                              | 2.5                                              | 5.9                                              |
| Xylenes (o)                                        | 0.75 U                                           | 6.0                                               | 1.7 [1.3]                                       | 0.87 U                                           | 1.8                                                      | 0.90 U                                           | 0.88 U                                           | 1.9                                              |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 15. Winthrop Management Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-36<br>Cannon<br>02/25/13<br>µg/m <sup>3</sup> | IA-A7<br>Cannon<br>02/25/13<br>µg/m <sup>3</sup> | IA-A9<br>Cannon<br>02/25/13<br>µg/m <sup>3</sup> | IA-E7<br>Cannon<br>02/25/13<br>µg/m <sup>3</sup> | IA-E9<br>Cannon<br>02/25/13<br>µg/m <sup>3</sup> | IA-15<br>Former Allstate<br>02/28/13<br>µg/m <sup>3</sup> | IA-15<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> | IA-16<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,1,2,2-Tetrachloroethane                          | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 3.7                                              | 2.7                                              | 3.5                                              | 5.3                                              | 2.4                                              | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,1,2-Trichloroethane                              | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,1-Dichloroethane                                 | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,1-Dichloroethene                                 | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,1-Difluoroethane (Freon 152a)                    | 3.7                                              | 3.3                                              | 3.2                                              | 4.1                                              | 3.4                                              | 2.3                                                       | 2.2                                                       | 2.7                                                       |
| 1,2,4-Trichlorobenzene                             | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,2,4-Trimethylbenzene                             | 1.6                                              | 1.7                                              | 1.6                                              | 1.7                                              | 1.5                                              | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,2-Dibromo-3-chloropropane                        | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,2-Dibromoethane                                  | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,2-Dichlorobenzene                                | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,2-Dichloroethane                                 | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,2-Dichloroethene (cis)                           | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,2-Dichloroethene (total)                         | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,2-Dichloroethene (trans)                         | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,2-Dichloropropane                                | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,3,5-Trimethylbenzene                             | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,3-Butadiene                                      | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,3-Dichlorobenzene                                | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,3-Dichloropropene (cis)                          | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,3-Dichloropropene (trans)                        | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,4-Dichlorobenzene                                | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 1,4-Dioxane                                        | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 2-Butanone (Methyl ethyl ketone)                   | 8.7 U                                            | 8.8 U                                            | 8.5 U                                            | 8.9 U                                            | 8.7 U                                            | 8.0 U                                                     | 8.6 U                                                     | 9.3 U                                                     |
| 3-Chloropropene (Allyl Chloride)                   | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 4-Ethyltoluene                                     | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| 4-Methyl-2-pentanone (MIBK)                        | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Acetone (2-propanone)                              | 48                                               | 43                                               | 36                                               | 57                                               | 31                                               | 15                                                        | 10                                                        | 21                                                        |
| Benzene                                            | 1.0                                              | 0.88 U                                           | 0.86                                             | 0.89 U                                           | 0.87 U                                           | 1.3                                                       | 0.86 U                                                    | 0.93 U                                                    |
| Bromodichloromethane                               | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Bromoform                                          | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Bromomethane (Methyl bromide)                      | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Carbon disulfide                                   | 8.7 U                                            | 8.8 U                                            | 8.5 U                                            | 8.9 U                                            | 8.7 U                                            | 8.0 U                                                     | 8.6 U                                                     | 9.3 U                                                     |
| Carbon tetrachloride                               | 0.42                                             | 0.18 U                                           | 0.45                                             | 0.36                                             | 0.40                                             | 0.50                                                      | 0.46                                                      | 0.31                                                      |
| Chlorobenzene                                      | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Chlorodifluoromethane (Freon 22)                   | 5.0                                              | 4.0                                              | 4.7                                              | 4.2                                              | 3.8                                              | 2.8                                                       | 1.6                                                       | 1.9                                                       |
| Chloroethane                                       | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Chloroform                                         | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Chloromethane (Methyl chloride)                    | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Chloropentafluoroethane (Freon 115)                | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Cyclohexane                                        | 2.6                                              | 3.1                                              | 2.0                                              | 4.6                                              | 2.4                                              | 1.6 U                                                     | 1.7 U                                                     | 1.9 U                                                     |
| Dibromochloromethane                               | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Dichlorodifluoromethane (Freon 12)                 | 2.3                                              | 2.1                                              | 2.2                                              | 2.3                                              | 2.1                                              | 2.2                                                       | 2.2                                                       | 2.3                                                       |
| Ethylbenzene                                       | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.95                                             | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Hexachlorobutadiene                                | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Isopropyl Alcohol (2-Propanol)                     | 8.7 U                                            | 8.8 U                                            | 8.5 U                                            | 8.9 U                                            | 8.7 U                                            | 8.0 U                                                     | 8.6 U                                                     | 9.3 U                                                     |
| Isopropylbenzene (Cumene)                          | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Methyl Acetate                                     | 5.4                                              | 6.2                                              | 4.3                                              | 9.3                                              | 4.9                                              | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Methyl cyclohexane                                 | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Methyl tert-Butyl Ether (MTBE)                     | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Methylene chloride                                 | 0.95                                             | 0.89                                             | 0.93                                             | 0.98                                             | 0.97                                             | 0.88                                                      | 0.86 U                                                    | 0.93 U                                                    |
| n-Hexane                                           | 0.94                                             | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.90                                             | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Styrene                                            | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |
| Tetrachloroethene (PCE)                            | 0.87 U                                           | 0.88 U                                           | 0.85 U                                           | 0.89 U                                           | 0.87 U                                           | 2.1                                                       | 0.86 U                                                    | 0.93 U                                                    |
| Toluene                                            | 11                                               | 12                                               | 8.7                                              | 14                                               | 8.6                                              | 2.0                                                       | 1.4                                                       | 1.7                                                       |
| Trichloroethene (TCE)                              | 0.17 U                                           | 0.18 U                                           | 0.17 U                                           | 0.18 U                                           | 0.17 U                                           | 0.16 U                                                    | 0.49                                                      | 0.19 U                                                    |
| Trichlorofluoromethane (Freon 11)                  | 1.1                                              | 1.2                                              | 1.1                                              | 1.2                                              | 1.0                                              | 1.2                                                       | 1.1                                                       | 1.2                                                       |
| Vinyl chloride                                     | 0.17 U                                           | 0.18 U                                           | 0.17 U                                           | 0.18 U                                           | 0.17 U                                           | 0.16 U                                                    | 0.17 U                                                    | 0.19 U                                                    |
| Xylenes (m&p)                                      | 3.0                                              | 3.0                                              | 2.4                                              | 3.4                                              | 2.7                                              | 2.0                                                       | 0.86 U                                                    | 1.3                                                       |
| Xylenes (o)                                        | 1.1                                              | 0.98                                             | 0.85 U                                           | 1.2                                              | 0.96                                             | 0.80 U                                                    | 0.86 U                                                    | 0.93 U                                                    |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 15. Winthrop Management Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-41<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> | IA-A17<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> | IA-A19<br>Former Allstate<br>02/28/13<br>µg/m <sup>3</sup> | IA-A19<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> | IA-E17<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> | IA-E19<br>Former Allstate<br>02/28/13<br>µg/m <sup>3</sup> | IA-E19<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,1,2,2-Tetrachloroethane                          | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,1,2-Trichloroethane                              | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,1-Dichloroethane                                 | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,1-Dichloroethene                                 | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,1-Difluoroethane (Freon 152a)                    | 2.2 [2.5]                                                 | 3                                                          | 2.2                                                        | 2.8                                                        | 2.1                                                        | 2.3                                                        | 2.3                                                        |
| 1,2,4-Trichlorobenzene                             | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,2,4-Trimethylbenzene                             | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,2-Dibromo-3-chloropropane                        | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,2-Dibromoethane                                  | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,2-Dichlorobenzene                                | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,2-Dichloroethane                                 | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,2-Dichloroethene (cis)                           | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,2-Dichloroethene (total)                         | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,2-Dichloroethene (trans)                         | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,2-Dichloropropane                                | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,3,5-Trimethylbenzene                             | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,3-Butadiene                                      | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,3-Dichlorobenzene                                | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,3-Dichloropropene (cis)                          | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,3-Dichloropropene (trans)                        | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,4-Dichlorobenzene                                | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 1,4-Dioxane                                        | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 2-Butanone (Methyl ethyl ketone)                   | 9.2 U [8.8 U]                                             | 8.3 U                                                      | 8.0 U                                                      | 8.6 U                                                      | 8.5 U                                                      | 8.9 U                                                      | 8.6 U                                                      |
| 3-Chloropropene (Allyl Chloride)                   | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 4-Ethyltoluene                                     | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| 4-Methyl-2-pentanone (MIBK)                        | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Acetone (2-propanone)                              | 13 [17]                                                   | 10                                                         | 11                                                         | 11                                                         | 9.8                                                        | 10                                                         | 12                                                         |
| Benzene                                            | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 1.3                                                        | 0.86 U                                                     | 0.85 U                                                     | 1.3                                                        | 0.86 U                                                     |
| Bromodichloromethane                               | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Bromoform                                          | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Bromomethane (Methyl bromide)                      | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Carbon disulfide                                   | 9.2 U [8.8 U]                                             | 8.3 U                                                      | 8.0 U                                                      | 8.6 U                                                      | 8.5 U                                                      | 8.9 U                                                      | 8.6 U                                                      |
| Carbon tetrachloride                               | 0.49 [0.18 U]                                             | 0.17 U                                                     | 0.47                                                       | 0.17 U                                                     | 0.46                                                       | 0.51                                                       | 0.27                                                       |
| Chlorobenzene                                      | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Chlorodifluoromethane (Freon 22)                   | 1.8 [2.2]                                                 | 1.9                                                        | 3.3                                                        | 2.0                                                        | 2.0                                                        | 3.0                                                        | 1.7                                                        |
| Chloroethane                                       | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Chloroform                                         | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Chloromethane (Methyl chloride)                    | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Chloropentafluoroethane (Freon 115)                | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Cyclohexane                                        | 1.8 U [1.8 U]                                             | 1.7 U                                                      | 1.6 U                                                      | 1.7 U                                                      | 1.7 U                                                      | 1.8 U                                                      | 1.7 U                                                      |
| Dibromochloromethane                               | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Dichlorodifluoromethane (Freon 12)                 | 2.2 [2.4]                                                 | 2.3                                                        | 2.4                                                        | 2.1                                                        | 2.2                                                        | 2.4                                                        | 2.3                                                        |
| Ethylbenzene                                       | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Hexachlorobutadiene                                | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Isopropyl Alcohol (2-Propanol)                     | 9.2 U [8.8 U]                                             | 8.3 U                                                      | 8.0 U                                                      | 8.6 U                                                      | 8.5 U                                                      | 8.9 U                                                      | 8.6 U                                                      |
| Isopropylbenzene (Cumene)                          | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Methyl Acetate                                     | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Methyl cyclohexane                                 | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Methyl tert-Butyl Ether (MTBE)                     | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Methylene chloride                                 | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.89                                                       | 0.86 U                                                     | 0.85 U                                                     | 0.98                                                       | 0.86 U                                                     |
| n-Hexane                                           | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Styrene                                            | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |
| Tetrachloroethene (PCE)                            | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 1.9                                                        | 0.86 U                                                     | 0.85 U                                                     | 1.8                                                        | 0.86 U                                                     |
| Toluene                                            | 1.4 [1.5]                                                 | 1.3                                                        | 2.0                                                        | 1.4                                                        | 1.4                                                        | 1.9                                                        | 1.4                                                        |
| Trichloroethene (TCE)                              | 0.30 [0.18 U]                                             | 0.17 U                                                     | 0.16 U                                                     | 0.17 U                                                     | 0.17 U                                                     | 0.23                                                       | 0.17 U                                                     |
| Trichlorofluoromethane (Freon 11)                  | 1.1 [1.2]                                                 | 1.1                                                        | 1.2                                                        | 1.1                                                        | 1.2                                                        | 1.3                                                        | 1.1                                                        |
| Vinyl chloride                                     | 0.18 U [0.18 U]                                           | 0.17 U                                                     | 0.16 U                                                     | 0.17 U                                                     | 0.17 U                                                     | 0.18 U                                                     | 0.17 U                                                     |
| Xylenes (m&p)                                      | 0.99 [0.89]                                               | 0.83 U                                                     | 1.8                                                        | 0.86 U                                                     | 1.0                                                        | 1.8                                                        | 0.95                                                       |
| Xylenes (o)                                        | 0.92 U [0.88 U]                                           | 0.83 U                                                     | 0.80 U                                                     | 0.86 U                                                     | 0.85 U                                                     | 0.89 U                                                     | 0.86 U                                                     |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 15. Winthrop Management Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-G19<br>Former Allstate<br>02/28/13<br>µg/m <sup>3</sup> | IA-G19<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> | IA-G9<br>Former Countrywide<br>03/02/13<br>µg/m <sup>3</sup> | IA-NYTM-1<br>Garage<br>03/21/13<br>µg/m <sup>3</sup> | IA-NYTM-3<br>Garage<br>03/21/13<br>µg/m <sup>3</sup> | IA-J11<br>iPark Café<br>03/02/13<br>µg/m <sup>3</sup> | IA-38<br>Leasing Office<br>03/16/13<br>µg/m <sup>3</sup> | IA-24<br>Powerhouse<br>03/15/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,1,2,2-Tetrachloroethane                          | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,1,2-Trichloroethane                              | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,1-Dichloroethane                                 | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,1-Dichloroethene                                 | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,1-Difluoroethane (Freon 152a)                    | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 3.2                                                   | 0.87 U                                                   | 0.83 U                                               |
| 1,2,4-Trichlorobenzene                             | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,2,4-Trimethylbenzene                             | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 2.0                                                  | 2.9                                                  | 2.7                                                   | 0.87 U                                                   | 4.9                                                  |
| 1,2-Dibromo-3-chloropropane                        | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,2-Dibromoethane                                  | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,2-Dichlorobenzene                                | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,2-Dichloroethane                                 | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,2-Dichloroethene (cis)                           | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,2-Dichloroethene (total)                         | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 5.6                                                  | 8.0                                                  | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,2-Dichloroethene (trans)                         | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 5.6                                                  | 8.0                                                  | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,2-Dichloropropane                                | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,3,5-Trimethylbenzene                             | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.91                                                 | 0.83 U                                                | 0.87 U                                                   | 1.4                                                  |
| 1,3-Butadiene                                      | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,3-Dichlorobenzene                                | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,3-Dichloropropene (cis)                          | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,3-Dichloropropene (trans)                        | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,4-Dichlorobenzene                                | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 1,4-Dioxane                                        | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 2-Butanone (Methyl ethyl ketone)                   | 8.8 U                                                      | 8.0 U                                                      | 8.6 U [8.9 U]                                                | 9.1 U                                                | 8.8                                                  | 8.3 U                                                 | 8.7 U                                                    | 8.3 U                                                |
| 3-Chloropropene (Allyl Chloride)                   | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| 4-Ethyltoluene                                     | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 1.4                                                  |
| 4-Methyl-2-pentanone (MIBK)                        | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Acetone (2-propanone)                              | 22                                                         | 9.3                                                        | 8.6 U [9.4]                                                  | 35                                                   | 29                                                   | 9.4                                                   | 12                                                       | 9.7                                                  |
| Benzene                                            | 1.1                                                        | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 1.3                                                  | 2.1                                                  | 0.83 U                                                | 0.87 U                                                   | 3.1                                                  |
| Bromodichloromethane                               | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Bromoform                                          | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Bromomethane (Methyl bromide)                      | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Carbon disulfide                                   | 8.8 U                                                      | 8.0 U                                                      | 8.6 U [8.9 U]                                                | 9.1 U                                                | 8.6 U                                                | 8.3 U                                                 | 8.7 U                                                    | 8.3 U                                                |
| Carbon tetrachloride                               | 0.45                                                       | 0.45                                                       | 0.24 [0.32]                                                  | 0.34                                                 | 0.17 U                                               | 0.41                                                  | 0.52                                                     | 0.43                                                 |
| Chlorobenzene                                      | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Chlorodifluoromethane (Freon 22)                   | 1.2                                                        | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.99                                                 | 1.4                                                   | 1.0                                                      | 0.84                                                 |
| Chloroethane                                       | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Chloroform                                         | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Chloromethane (Methyl chloride)                    | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 1.1                                                  | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Chloropentafluoroethane (Freon 115)                | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Cyclohexane                                        | 1.8 U                                                      | 1.6 U                                                      | 1.7 U [1.8 U]                                                | 1.8 U                                                | 1.7 U                                                | 2.2                                                   | 1.7 U                                                    | 3.2                                                  |
| Dibromochloromethane                               | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Dichlorodifluoromethane (Freon 12)                 | 2.5                                                        | 2.2                                                        | 2.0 [1.9]                                                    | 2.3                                                  | 3.0                                                  | 1.9                                                   | 2.5                                                      | 2.1                                                  |
| Ethylbenzene                                       | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 3.9                                                  | 2.8                                                  | 1.5                                                   | 0.87 U                                                   | 3.4                                                  |
| Hexachlorobutadiene                                | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Isopropyl Alcohol (2-Propanol)                     | 8.8 U                                                      | 8.0 U                                                      | 8.6 U [8.9 U]                                                | 9.1 U                                                | 8.6 U                                                | 8.3 U                                                 | 8.7 U                                                    | 8.3 U                                                |
| Isopropylbenzene (Cumene)                          | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Methyl Acetate                                     | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 2.9                                                      | 0.83 U                                               |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Methyl cyclohexane                                 | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 2.0                                                  | 0.83 U                                                | 0.87 U                                                   | 5.3                                                  |
| Methyl tert-Butyl Ether (MTBE)                     | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Methylene chloride                                 | 0.99                                                       | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.87                                                 | 0.83 U                                                | 1.4                                                      | 1.6                                                  |
| n-Hexane                                           | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 2.0                                                  | 4.8                                                  | 0.83 U                                                | 0.87 U                                                   | 9.9                                                  |
| Styrene                                            | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 0.91 U                                               | 0.86 U                                               | 0.83 U                                                | 0.87 U                                                   | 0.83 U                                               |
| Tetrachloroethene (PCE)                            | 2.4                                                        | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 1.7                                                  | 1.1                                                  | 0.83 U                                                | 0.87 U                                                   | 2.2                                                  |
| Toluene                                            | 1.7                                                        | 0.87                                                       | 0.92 [0.89 U]                                                | 6.9                                                  | 9.5                                                  | 4.8                                                   | 2.8                                                      | 16                                                   |
| Trichloroethene (TCE)                              | 0.18 U                                                     | 0.16 U                                                     | 0.17 U [0.25]                                                | 0.18 U                                               | 0.17 U                                               | 0.17 U                                                | 0.17 U                                                   | 0.21                                                 |
| Trichlorofluoromethane (Freon 11)                  | 1.3                                                        | 1.1                                                        | 1.0 [1.0]                                                    | 1.2                                                  | 1.6                                                  | 1.0                                                   | 1.2                                                      | 0.87                                                 |
| Vinyl chloride                                     | 0.18 U                                                     | 0.16 U                                                     | 0.17 U [0.18 U]                                              | 0.18 U                                               | 0.17 U                                               | 0.17 U                                                | 0.17 U                                                   | 0.17 U                                               |
| Xylenes (m&p)                                      | 1.3                                                        | 1.3                                                        | 0.86 U [0.89 U]                                              | 14                                                   | 11                                                   | 6.1                                                   | 1.9                                                      | 11                                                   |
| Xylenes (o)                                        | 0.88 U                                                     | 0.80 U                                                     | 0.86 U [0.89 U]                                              | 4.0                                                  | 3.6                                                  | 2.1                                                   | 0.87 U                                                   | 4.0                                                  |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 15. Winthrop Management Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | IA-POW-2<br>Powerhouse<br>03/15/13<br>µg/m <sup>3</sup> | IA-POW-3<br>Powerhouse<br>03/15/13<br>µg/m <sup>3</sup> | IA-S118<br>Winthrop-Doc Storage<br>03/05/13<br>µg/m <sup>3</sup> | IA-R101<br>Winthrop-Electrical<br>03/05/13<br>µg/m <sup>3</sup> | IA-R114<br>Winthrop-Janitorial<br>03/05/13<br>µg/m <sup>3</sup> | IA-37<br>Winthrop-Unoccupied<br>03/12/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,1,2,2-Tetrachloroethane                          | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,1,2-Trichloroethane                              | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,1-Dichloroethane                                 | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,1-Dichloroethene                                 | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,1-Difluoroethane (Freon 152a)                    | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 2.6 [2.3]                                                        | 5.3                                                             | 17                                                              | 4.9 [4.5]                                                     |
| 1,2,4-Trichlorobenzene                             | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,2,4-Trimethylbenzene                             | 2.4 [2.4]                                               | 2.1                                                     | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,2-Dibromo-3-chloropropane                        | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,2-Dibromoethane                                  | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,2-Dichlorobenzene                                | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,2-Dichloroethane                                 | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,2-Dichloroethene (cis)                           | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,2-Dichloroethene (total)                         | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,2-Dichloroethene (trans)                         | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,2-Dichloropropane                                | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,3,5-Trimethylbenzene                             | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,3-Butadiene                                      | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,3-Dichlorobenzene                                | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,3-Dichloropropene (cis)                          | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,3-Dichloropropene (trans)                        | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,4-Dichlorobenzene                                | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 1,4-Dioxane                                        | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 2-Butanone (Methyl ethyl ketone)                   | 8.2 U [8.7 U]                                           | 8.4 U                                                   | 8.6 U [8.5 U]                                                    | 8.0 U                                                           | 8.9 U                                                           | 8.4 U [8.6 U]                                                 |
| 3-Chloropropene (Allyl Chloride)                   | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 4-Ethyltoluene                                     | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| 4-Methyl-2-pentanone (MIBK)                        | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 1.0 [1.2]                                                        | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Acetone (2-propanone)                              | 12 [12]                                                 | 8.5                                                     | 19 [22]                                                          | 12                                                              | 230                                                             | 16 [13]                                                       |
| Benzene                                            | 1.7 [1.7]                                               | 1.7                                                     | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Bromodichloromethane                               | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Bromoform                                          | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Bromomethane (Methyl bromide)                      | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Carbon disulfide                                   | 8.2 U [8.7 U]                                           | 8.4 U                                                   | 8.6 U [8.5 U]                                                    | 8.0 U                                                           | 8.9 U                                                           | 8.4 U [8.6 U]                                                 |
| Carbon tetrachloride                               | 0.40 [0.40]                                             | 0.42                                                    | 0.33 [0.45]                                                      | 0.47                                                            | 0.48                                                            | 0.49 [0.47]                                                   |
| Chlorobenzene                                      | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Chlorodifluoromethane (Freon 22)                   | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 3.2 [3.0]                                                        | 310 D                                                           | 10                                                              | 0.89 [0.94]                                                   |
| Chloroethane                                       | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Chloroform                                         | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Chloromethane (Methyl chloride)                    | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.88 [0.86]                                                      | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Chloropentafluoroethane (Freon 115)                | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Cyclohexane                                        | 1.6 U [1.7 U]                                           | 1.7 U                                                   | 1.7 U [1.7 U]                                                    | 1.6 U                                                           | 1.8 U                                                           | 3.8 [3.8]                                                     |
| Dibromochloromethane                               | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Dichlorodifluoromethane (Freon 12)                 | 1.9 [1.9]                                               | 2.2                                                     | 2.3 [2.4]                                                        | 2.4                                                             | 2.2                                                             | 2.5 [2.5]                                                     |
| Ethylbenzene                                       | 1.8 [1.8]                                               | 1.6                                                     | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.96 [0.98]                                                   |
| Hexachlorobutadiene                                | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Isopropyl Alcohol (2-Propanol)                     | 8.2 U [8.7 U]                                           | 8.4 U                                                   | 12 [11]                                                          | 8.0 U                                                           | 70                                                              | 18 [8.6 U]                                                    |
| Isopropylbenzene (Cumene)                          | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Methyl Acetate                                     | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 28                                                              | 11 [11]                                                       |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Methyl cyclohexane                                 | 2.1 [2.1]                                               | 1.9                                                     | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Methyl tert-Butyl Ether (MTBE)                     | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Methylene chloride                                 | 1.9 [1.9]                                               | 1.7                                                     | 0.87 [0.89]                                                      | 0.80 U                                                          | 1.1                                                             | 0.89 [0.86 U]                                                 |
| n-Hexane                                           | 3.7 [3.7]                                               | 3.4                                                     | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Styrene                                            | 0.82 U [0.87 U]                                         | 0.84 U                                                  | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.84 U [0.86 U]                                               |
| Tetrachloroethene (PCE)                            | 2.0 [2.3]                                               | 1.7                                                     | 1.0 [1.1]                                                        | 1.3                                                             | 1.5                                                             | 0.84 U [0.86 U]                                               |
| Toluene                                            | 9.3 [9.2]                                               | 8.2                                                     | 1.6 [1.5]                                                        | 2.3                                                             | 2.8                                                             | 1.2 [1.2]                                                     |
| Trichloroethene (TCE)                              | 0.23 [0.25]                                             | 0.20                                                    | 0.17 U [0.17 U]                                                  | 0.16 U                                                          | 0.18 U                                                          | 0.17 U [0.17 U]                                               |
| Trichlorofluoromethane (Freon 11)                  | 0.95 [0.94]                                             | 0.96                                                    | 1.2 [1.2]                                                        | 1.1                                                             | 1.2                                                             | 1.3 [1.3]                                                     |
| Vinyl chloride                                     | 0.16 U [0.17 U]                                         | 0.17 U                                                  | 0.17 U [0.17 U]                                                  | 0.16 U                                                          | 0.18 U                                                          | 0.17 U [0.17 U]                                               |
| Xylenes (m&p)                                      | 5.9 [5.9]                                               | 5.2                                                     | 0.86 U [0.85 U]                                                  | 0.82                                                            | 2.0                                                             | 3.7 [3.6]                                                     |
| Xylenes (o)                                        | 2.1 [2.1]                                               | 1.8                                                     | 0.86 U [0.85 U]                                                  | 0.80 U                                                          | 0.89 U                                                          | 0.92 [0.92]                                                   |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 15. Winthrop Management Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | SS-D12<br>B2/B3<br>02/27/13<br>µg/m <sup>3</sup> | SS-B2B3 Center<br>B2/B3<br>02/27/13<br>µg/m <sup>3</sup> | SS-40<br>B2/B3<br>02/27/13<br>µg/m <sup>3</sup> | SS-A11<br>B2/B3<br>02/26/13<br>µg/m <sup>3</sup> | SS-F12<br>B2/B3<br>02/26/13<br>µg/m <sup>3</sup> | SS-A7<br>Cannon<br>02/25/13<br>µg/m <sup>3</sup> | SS-A9<br>Cannon<br>02/25/13<br>µg/m <sup>3</sup> | SS-36<br>Cannon<br>02/25/13<br>µg/m <sup>3</sup> | SS-E7<br>Cannon<br>02/25/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|--------------------------------------------------|----------------------------------------------------------|-------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| 1,1,1-Trichloroethane                              | 96                                               | 8.2 [8.1]                                                | 180 D                                           | 12                                               | 1.1                                              | 3.2                                              | 1.4                                              | 41 U                                             | 34 U                                             |
| 1,1,2,2-Tetrachloroethane                          | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 2.1                                              | 1.4 [1.4]                                                | 1.6                                             | 48                                               | 0.83 U                                           | 38                                               | 4.3                                              | 15,000 D                                         | 6,400                                            |
| 1,1,2-Trichloroethane                              | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,1-Dichloroethane                                 | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,1-Dichloroethene                                 | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.82                                            | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,1-Difluoroethane (Freon 152a)                    | 1.2                                              | 3.0 [3.1]                                                | 0.81 U                                          | 7.8 U                                            | 4.2                                              | 6.7                                              | 5.4                                              | 41 U                                             | 34 U                                             |
| 1,2,4-Trichlorobenzene                             | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,2,4-Trimethylbenzene                             | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 2.7                                              | 1.1                                              | 41 U                                             | 34 U                                             |
| 1,2-Dibromo-3-chloropropane                        | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,2-Dibromomethane                                 | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,2-Dichlorobenzene                                | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,2-Dichloroethane                                 | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,2-Dichloroethene (cis)                           | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.72                                             | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,2-Dichloroethene (total)                         | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.72                                             | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,2-Dichloroethene (trans)                         | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,2-Dichloropropane                                | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,3,5-Trimethylbenzene                             | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,3-Butadiene                                      | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,3-Dichlorobenzene                                | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,3-Dichloropropene (cis)                          | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,3-Dichloropropene (trans)                        | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,4-Dichlorobenzene                                | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 1,4-Dioxane                                        | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 2-Butanone (Methyl ethyl ketone)                   | 8.3 U                                            | 8.5 U [7.9 U]                                            | 8.1 U                                           | 78 U                                             | 8.3 U                                            | 7.1 U                                            | 7.4 U                                            | 410 U                                            | 340 U                                            |
| 3-Chloropropene (Allyl Chloride)                   | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 4-Ethyltoluene                                     | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| 4-Methyl-2-pentanone (MIBK)                        | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Acetone (2-propanone)                              | 8.3 U                                            | 8.5 U [7.9 U]                                            | 12                                              | 78 U                                             | 17                                               | 18                                               | 53                                               | 410 U                                            | 340 U                                            |
| Benzene                                            | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Bromodichloromethane                               | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Bromoform                                          | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Bromomethane (Methyl bromide)                      | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Carbon disulfide                                   | 8.3 U                                            | 8.5 U [7.9 U]                                            | 8.1 U                                           | 78 U                                             | 8.3 U                                            | 7.1 U                                            | 7.4 U                                            | 410 U                                            | 340 U                                            |
| Carbon tetrachloride                               | 0.27                                             | 0.36 [0.39]                                              | 0.21                                            | 16                                               | 0.29                                             | 0.99                                             | 0.22                                             | 8.1 U                                            | 6.8 U                                            |
| Chlorobenzene                                      | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Chlorodifluoromethane (Freon 22)                   | 1.5                                              | 0.85 U [0.79 U]                                          | 0.85                                            | 7.8 U                                            | 1.2                                              | 4.1                                              | 2.7                                              | 41 U                                             | 34 U                                             |
| Chloroethane                                       | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Chloroform                                         | 0.83 U                                           | 6.0 [6.0]                                                | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 4.1                                              | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Chloromethane (Methyl chloride)                    | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Chloropentafluoroethane (Freon 115)                | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Cyclohexane                                        | 1.7 U                                            | 1.7 U [1.6 U]                                            | 1.6 U                                           | 16 U                                             | 1.7 U                                            | 1.4 U                                            | 1.5 U                                            | 81 U                                             | 68 U                                             |
| Dibromochloromethane                               | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Dichlorodifluoromethane (Freon 12)                 | 2.6                                              | 2.6 [2.6]                                                | 2.4                                             | 7.8 U                                            | 1.9                                              | 2                                                | 2                                                | 41 U                                             | 34 U                                             |
| Ethylbenzene                                       | 1.4                                              | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 1                                                | 0.78                                             | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Hexachlorobutadiene                                | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Isopropyl Alcohol (2-Propanol)                     | 8.3 U                                            | 8.5 U [7.9 U]                                            | 8.1 U                                           | 78 U                                             | 8.3 U                                            | 7.1 U                                            | 29                                               | 410 U                                            | 340 U                                            |
| Isopropylbenzene (Cumene)                          | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Methyl Acetate                                     | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.86                                            | 7.8 U                                            | 0.83 U                                           | 4.2                                              | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Methyl cyclohexane                                 | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Methyl tert-Butyl Ether (MTBE)                     | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Methylene chloride                                 | 8.4                                              | 7.3 [9.3]                                                | 3.8                                             | 24                                               | 12                                               | 13                                               | 12                                               | 41 U                                             | 34 U                                             |
| n-Hexane                                           | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Styrene                                            | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Tetrachloroethene (PCE)                            | 100                                              | 92 [93]                                                  | 56                                              | 190                                              | 16                                               | 32                                               | 36                                               | 130                                              | 580                                              |
| Toluene                                            | 2.8                                              | 1.8 [1.5]                                                | 4.8                                             | 10                                               | 7.4                                              | 3.4                                              | 4.4                                              | 41 U                                             | 34 U                                             |
| Trichloroethene (TCE)                              | 11                                               | 290 D [290 D]                                            | 25                                              | 3.9                                              | 27                                               | 130                                              | 1                                                | 8.1 U                                            | 240                                              |
| Trichlorofluoromethane (Freon 11)                  | 10                                               | 5.4 [5.5]                                                | 5.6                                             | 1,300                                            | 1.1                                              | 4.8                                              | 6.2                                              | 41 U                                             | 34 U                                             |
| Vinyl chloride                                     | 0.83 U                                           | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.83 U                                           | 0.71 U                                           | 0.74 U                                           | 41 U                                             | 34 U                                             |
| Xylenes (m&p)                                      | 2.2                                              | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 1.7                                              | 1.8                                              | 1.6                                              | 41 U                                             | 34 U                                             |
| Xylenes (o)                                        | 1.6                                              | 0.85 U [0.79 U]                                          | 0.81 U                                          | 7.8 U                                            | 0.99                                             | 0.92                                             | 0.74 U                                           | 41 U                                             | 34 U                                             |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 15. Winthrop Management Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | SS-E9<br>Cannon<br>02/25/13<br>µg/m <sup>3</sup> | SS-15<br>Former Allstate<br>02/28/13<br>µg/m <sup>3</sup> | SS-15<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> | SS-16<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> | SS-A17<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> | SS-A19<br>Former Allstate<br>02/28/13<br>µg/m <sup>3</sup> | SS-A19<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 3.8                                              | 0.83 U                                                    | 0.81 U                                                    | 1.5 [1.6]                                                 | 0.75 U                                                     | 2.6                                                        | 1.8                                                        |
| 1,1,2,2-Tetrachloroethane                          | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 140                                              | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 1.4                                                        | 1                                                          |
| 1,1,2-Trichloroethane                              | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,1-Dichloroethane                                 | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,1-Dichloroethene                                 | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,1-Difluoroethane (Freon 152a)                    | 6                                                | 6.9                                                       | 8.4                                                       | 0.89 U [0.84 U]                                           | 0.81                                                       | 0.79 U                                                     | 0.86 U                                                     |
| 1,2,4-Trichlorobenzene                             | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,2,4-Trimethylbenzene                             | 3.4 U                                            | 1.3                                                       | 0.81 U                                                    | 4.1 [3.7]                                                 | 0.75 U                                                     | 1                                                          | 0.86 U                                                     |
| 1,2-Dibromo-3-chloropropane                        | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,2-Dibromoethane                                  | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,2-Dichlorobenzene                                | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,2-Dichloroethane                                 | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,2-Dichloroethene (cis)                           | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,2-Dichloroethene (total)                         | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,2-Dichloroethene (trans)                         | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,2-Dichloropropane                                | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,3,5-Trimethylbenzene                             | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 1.7 [1.5]                                                 | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,3-Butadiene                                      | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,3-Dichlorobenzene                                | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,3-Dichloropropene (cis)                          | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,3-Dichloropropene (trans)                        | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,4-Dichlorobenzene                                | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 1,4-Dioxane                                        | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 2-Butanone (Methyl ethyl ketone)                   | 34 U                                             | 19                                                        | 14                                                        | 8.9 U [8.4 U]                                             | 7.5 U                                                      | 7.9 U                                                      | 8.6 U                                                      |
| 3-Chloropropene (Allyl Chloride)                   | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 4-Ethyltoluene                                     | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| 4-Methyl-2-pentanone (MIBK)                        | 3.4 U                                            | 2.3                                                       | 1.6                                                       | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Acetone (2-propanone)                              | 34 U                                             | 95                                                        | 72                                                        | 450 J [53 J]                                              | 12                                                         | 40                                                         | 16                                                         |
| Benzene                                            | 3.4 U                                            | 1                                                         | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Bromodichloromethane                               | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Bromoform                                          | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Bromomethane (Methyl bromide)                      | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Carbon disulfide                                   | 34 U                                             | 8.3 U                                                     | 8.1 U                                                     | 8.9 U [8.4 U]                                             | 7.5 U                                                      | 7.9 U                                                      | 8.6 U                                                      |
| Carbon tetrachloride                               | 3.1                                              | 0.45                                                      | 0.41                                                      | 0.18 [0.18]                                               | 0.28                                                       | 0.16 U                                                     | 0.2                                                        |
| Chlorobenzene                                      | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Chlorodifluoromethane (Freon 22)                   | 5.7                                              | 2.7                                                       | 2                                                         | 0.89 U [0.91]                                             | 0.91                                                       | 0.79 U                                                     | 0.86 U                                                     |
| Chloroethane                                       | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Chloroform                                         | 8.8                                              | 0.83 U                                                    | 0.81 U                                                    | 1.5 [1.5]                                                 | 1                                                          | 1.5                                                        | 1                                                          |
| Chloromethane (Methyl chloride)                    | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Chloropentafluoroethane (Freon 115)                | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Cyclohexane                                        | 6.7 U                                            | 1.7 U                                                     | 1.6 U                                                     | 1.8 U [1.7 U]                                             | 1.5 U                                                      | 1.6 U                                                      | 1.7 U                                                      |
| Dibromochloromethane                               | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Dichlorodifluoromethane (Freon 12)                 | 3.4 U                                            | 2.1                                                       | 2                                                         | 2.2 [2.4]                                                 | 2.3                                                        | 2.9                                                        | 2.6                                                        |
| Ethylbenzene                                       | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 2.1                                                        | 0.86 U                                                     |
| Hexachlorobutadiene                                | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Isopropyl Alcohol (2-Propanol)                     | 34 U                                             | 8.3 U                                                     | 8.1 U                                                     | 8.9 U [8.4 U]                                             | 7.5 U                                                      | 7.9 U                                                      | 8.6 U                                                      |
| Isopropylbenzene (Cumene)                          | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Methyl Acetate                                     | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Methyl Butyl Ketone (2-Hexanone)                   | 3.4 U                                            | 7.7                                                       | 4.7                                                       | 0.89 U [1.2]                                              | 0.75 U                                                     | 0.79 U                                                     | 0.88                                                       |
| Methyl cyclohexane                                 | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Methyl tert-Butyl Ether (MTBE)                     | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Methylene chloride                                 | 15                                               | 12                                                        | 0.83                                                      | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 8.5                                                        | 0.86 U                                                     |
| n-Hexane                                           | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Styrene                                            | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Tetrachloroethene (PCE)                            | 940 D                                            | 6.2                                                       | 2.3                                                       | 7.7 [6.8]                                                 | 2.3                                                        | 18                                                         | 7.3                                                        |
| Toluene                                            | 3.4 U                                            | 3.2                                                       | 1.8                                                       | 0.89 U [0.84 U]                                           | 0.93                                                       | 2.3                                                        | 2.1                                                        |
| Trichloroethene (TCE)                              | 290                                              | 16                                                        | 16                                                        | 13 [13]                                                   | 2.7                                                        | 6.8                                                        | 6.1                                                        |
| Trichlorofluoromethane (Freon 11)                  | 13                                               | 1.2                                                       | 1.1                                                       | 1.6 [1.6]                                                 | 1.2                                                        | 2.4                                                        | 2                                                          |
| Vinyl chloride                                     | 3.4 U                                            | 0.83 U                                                    | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 0.79 U                                                     | 0.86 U                                                     |
| Xylenes (m&p)                                      | 3.4 U                                            | 2.7                                                       | 2.2                                                       | 1.1 [1.1]                                                 | 1.8                                                        | 3.4                                                        | 2.3                                                        |
| Xylenes (o)                                        | 3.4 U                                            | 0.95                                                      | 0.81 U                                                    | 0.89 U [0.84 U]                                           | 0.75 U                                                     | 2.3                                                        | 0.86 U                                                     |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 15. Winthrop Management Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | SS-E19<br>Former Allstate<br>02/28/13<br>µg/m <sup>3</sup> | SS-E19<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> | SS-G19<br>Former Allstate<br>02/28/13<br>µg/m <sup>3</sup> | SS-G19<br>Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> | SS-G9<br>Former Countrywide<br>03/02/13<br>µg/m <sup>3</sup> | SS-NYTM-1<br>Garage<br>03/21/13<br>µg/m <sup>3</sup> | SS-NYTM-3<br>Garage<br>03/21/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,1,2,2-Tetrachloroethane                          | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 3.4 [3.4]                                                    | 27                                                   | 43                                                   |
| 1,1,2-Trichloroethane                              | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,1-Dichloroethane                                 | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,1-Dichloroethene                                 | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,1-Difluoroethane (Freon 152a)                    | 0.82 U                                                     | 0.83 U                                                     | 1.2                                                        | 1.2                                                        | 1.8 [1.8]                                                    | 17 U                                                 | 20 U                                                 |
| 1,2,4-Trichlorobenzene                             | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,2,4-Trimethylbenzene                             | 1.2                                                        | 0.83 U                                                     | 1.1                                                        | 0.82                                                       | 1.4 [0.82 U]                                                 | 17 U                                                 | 20 U                                                 |
| 1,2-Dibromo-3-chloropropane                        | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,2-Dibromoethane                                  | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,2-Dichlorobenzene                                | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,2-Dichloroethane                                 | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,2-Dichloroethene (cis)                           | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,2-Dichloroethene (total)                         | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,2-Dichloroethene (trans)                         | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,2-Dichloropropane                                | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,3,5-Trimethylbenzene                             | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,3-Butadiene                                      | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,3-Dichlorobenzene                                | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,3-Dichloropropene (cis)                          | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,3-Dichloropropene (trans)                        | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,4-Dichlorobenzene                                | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 1,4-Dioxane                                        | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 2-Butanone (Methyl ethyl ketone)                   | 8.2 U                                                      | 8.3 U                                                      | 8.3 U                                                      | 7.9 U                                                      | 8.6 U [8.2 U]                                                | 170 U                                                | 200 U                                                |
| 3-Chloropropene (Allyl Chloride)                   | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 4-Ethyltoluene                                     | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| 4-Methyl-2-pentanone (MIBK)                        | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Acetone (2-propanone)                              | 11                                                         | 8.3 U                                                      | 14                                                         | 14                                                         | 11 [14]                                                      | 170 U                                                | 200 U                                                |
| Benzene                                            | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Bromodichloromethane                               | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Bromoform                                          | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Bromomethane (Methyl bromide)                      | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Carbon disulfide                                   | 29                                                         | 8.3 U                                                      | 8.3 U                                                      | 7.9 U                                                      | 8.6 U [8.2 U]                                                | 170 U                                                | 200 U                                                |
| Carbon tetrachloride                               | 0.36                                                       | 0.32                                                       | 0.45                                                       | 0.41                                                       | 0.39 [0.38]                                                  | 3.4 U                                                | 4.1 U                                                |
| Chlorobenzene                                      | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Chlorodifluoromethane (Freon 22)                   | 1.3                                                        | 0.99                                                       | 1.2                                                        | 0.79 U                                                     | 1.2 [1.2]                                                    | 17 U                                                 | 20 U                                                 |
| Chloroethane                                       | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Chloroform                                         | 0.82 U                                                     | 0.83 U                                                     | 2.7                                                        | 2.3                                                        | 11 [10]                                                      | 17 U                                                 | 20 U                                                 |
| Chloromethane (Methyl chloride)                    | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Chloropentafluoroethane (Freon 115)                | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Cyclohexane                                        | 1.6 U                                                      | 1.7 U                                                      | 1.7 U                                                      | 1.6 U                                                      | 1.7 U [1.6 U]                                                | 34 U                                                 | 41 U                                                 |
| Dibromochloromethane                               | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Dichlorodifluoromethane (Freon 12)                 | 2.4                                                        | 2.3                                                        | 2.3                                                        | 2.2                                                        | 1.9 [1.9]                                                    | 17 U                                                 | 20 U                                                 |
| Ethylbenzene                                       | 3.9                                                        | 0.83 U                                                     | 2.1                                                        | 0.79 U                                                     | 1.3 [1.0]                                                    | 17 U                                                 | 20 U                                                 |
| Hexachlorobutadiene                                | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Isopropyl Alcohol (2-Propanol)                     | 8.2 U                                                      | 8.3 U                                                      | 8.3 U                                                      | 7.9 U                                                      | 8.6 U [8.2 U]                                                | 170 U                                                | 200 U                                                |
| Isopropylbenzene (Cumene)                          | 1                                                          | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Methyl Acetate                                     | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 1.1                                                        | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Methyl cyclohexane                                 | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Methyl tert-Butyl Ether (MTBE)                     | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Methylene chloride                                 | 3.8                                                        | 0.83 U                                                     | 4.8                                                        | 0.79 U                                                     | 7.0 [6.9]                                                    | 17 U                                                 | 20 U                                                 |
| n-Hexane                                           | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Styrene                                            | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Tetrachloroethene (PCE)                            | 19                                                         | 0.94                                                       | 15                                                         | 5.5                                                        | 190 D [140]                                                  | 3,100                                                | 3,900                                                |
| Toluene                                            | 3.2                                                        | 2                                                          | 2.6                                                        | 0.82                                                       | 1.5 [1.4]                                                    | 17 U                                                 | 20 U                                                 |
| Trichloroethene (TCE)                              | 4.1                                                        | 4.1                                                        | 19                                                         | 18                                                         | 420 D [420 D]                                                | 49                                                   | 10                                                   |
| Trichlorofluoromethane (Freon 11)                  | 1.3                                                        | 1.2                                                        | 1.3                                                        | 1.1                                                        | 1.2 [1.2]                                                    | 17 U                                                 | 20 U                                                 |
| Vinyl chloride                                     | 0.82 U                                                     | 0.83 U                                                     | 0.83 U                                                     | 0.79 U                                                     | 0.86 U [0.82 U]                                              | 17 U                                                 | 20 U                                                 |
| Xylenes (m&p)                                      | 5.7                                                        | 1.7                                                        | 3.3                                                        | 2.9                                                        | 2.3 [1.8]                                                    | 28                                                   | 20 U                                                 |
| Xylenes (o)                                        | 4.5                                                        | 0.83 U                                                     | 2.5                                                        | 1.2                                                        | 1.6 [1.2]                                                    | 17 U                                                 | 20 U                                                 |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 15. Winthrop Management Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | SS-38<br>Leasing Office<br>03/16/13<br>µg/m <sup>3</sup> | SS-POW-1<br>Powerhouse<br>03/15/13<br>µg/m <sup>3</sup> | SS-POW-2<br>Powerhouse<br>03/15/13<br>µg/m <sup>3</sup> | SS-POW-3<br>Powerhouse<br>03/15/13<br>µg/m <sup>3</sup> | SS-R101<br>Winthrop-Electrical<br>03/05/13<br>µg/m <sup>3</sup> | SS-R114<br>Winthrop-Janitorial<br>03/05/13<br>µg/m <sup>3</sup> | SS-S118<br>Winthrop-Doc Storage<br>03/05/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.83 U                                                   | 0.96                                                    | 0.91                                                    | 3                                                       | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,1,2,2-Tetrachloroethane                          | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 1.4                                                      | 50                                                      | 61                                                      | 59                                                      | 1.1                                                             | 1.1                                                             | 0.77 U [0.87 U]                                                  |
| 1,1,2-Trichloroethane                              | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,1-Dichloroethane                                 | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,1-Dichloroethene                                 | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,1-Difluoroethane (Freon 152a)                    | 1.4                                                      | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 5.6 [5.8]                                                        |
| 1,2,4-Trichlorobenzene                             | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,2,4-Trimethylbenzene                             | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,2-Dibromo-3-chloropropane                        | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,2-Dibromoethane                                  | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,2-Dichlorobenzene                                | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,2-Dichloroethane                                 | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,2-Dichloroethene (cis)                           | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,2-Dichloroethene (total)                         | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,2-Dichloroethene (trans)                         | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,2-Dichloropropane                                | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,3,5-Trimethylbenzene                             | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,3-Butadiene                                      | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,3-Dichlorobenzene                                | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,3-Dichloropropene (cis)                          | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,3-Dichloropropene (trans)                        | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,4-Dichlorobenzene                                | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 1,4-Dioxane                                        | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 2-Butanone (Methyl ethyl ketone)                   | 8.3 U                                                    | 8.6 U                                                   | 8.2 U                                                   | 8.5 U                                                   | 8.9 U                                                           | 7.9 U                                                           | 7.7 U [8.7 U]                                                    |
| 3-Chloropropene (Allyl Chloride)                   | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 4-Ethyltoluene                                     | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| 4-Methyl-2-pentanone (MIBK)                        | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Acetone (2-propanone)                              | 95                                                       | 8.6 U                                                   | 8.2 U                                                   | 16                                                      | 20                                                              | 13                                                              | 7.7 U [8.7 U]                                                    |
| Benzene                                            | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Bromodichloromethane                               | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Bromoform                                          | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Bromomethane (Methyl bromide)                      | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Carbon disulfide                                   | 8.3 U                                                    | 8.6 U                                                   | 8.2 U                                                   | 8.5 U                                                   | 8.9 U                                                           | 15                                                              | 7.7 U [8.7 U]                                                    |
| Carbon tetrachloride                               | 0.51                                                     | 0.3                                                     | 0.65                                                    | 0.75                                                    | 0.35                                                            | 0.3                                                             | 0.52 [0.54]                                                      |
| Chlorobenzene                                      | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Chlorodifluoromethane (Freon 22)                   | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 4.4                                                             | 2.8                                                             | 3.4 [3.3]                                                        |
| Chloroethane                                       | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Chloroform                                         | 4.2                                                      | 0.86 U                                                  | 1.7                                                     | 0.97                                                    | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Chloromethane (Methyl chloride)                    | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Chloropentafluoroethane (Freon 115)                | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Cyclohexane                                        | 1.7 U                                                    | 1.7 U                                                   | 1.6 U                                                   | 1.7 U                                                   | 1.8 U                                                           | 1.6 U                                                           | 1.5 U [1.7 U]                                                    |
| Dibromochloromethane                               | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Dichlorodifluoromethane (Freon 12)                 | 2.4                                                      | 2.1                                                     | 2                                                       | 2.1                                                     | 2.2                                                             | 2.2                                                             | 2.2 [2.3]                                                        |
| Ethylbenzene                                       | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Hexachlorobutadiene                                | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Isopropyl Alcohol (2-Propanol)                     | 8.3 U                                                    | 8.6 U                                                   | 8.2 U                                                   | 8.5 U                                                   | 8.9 U                                                           | 7.9 U                                                           | 7.7 U [8.7 U]                                                    |
| Isopropylbenzene (Cumene)                          | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Methyl Acetate                                     | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.9                                                      | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 1.5                                                             | 3                                                               | 0.77 U [0.87 U]                                                  |
| Methyl cyclohexane                                 | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Methyl tert-Butyl Ether (MTBE)                     | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Methylene chloride                                 | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 2.5                                                             | 1.8                                                             | 3.5 [3.2]                                                        |
| n-Hexane                                           | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Styrene                                            | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Tetrachloroethene (PCE)                            | 59                                                       | 24                                                      | 110                                                     | 49                                                      | 4.7                                                             | 27                                                              | 8.0 [8.0]                                                        |
| Toluene                                            | 1.7                                                      | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Trichloroethene (TCE)                              | 350 D                                                    | 10                                                      | 42                                                      | 30                                                      | 1.4                                                             | 9.9                                                             | 14 [14]                                                          |
| Trichlorofluoromethane (Freon 11)                  | 1.3                                                      | 2.5                                                     | 1.4                                                     | 2.1                                                     | 2                                                               | 2.7                                                             | 1.2 [1.2]                                                        |
| Vinyl chloride                                     | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Xylenes (m&p)                                      | 1.4                                                      | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |
| Xylenes (o)                                        | 0.83 U                                                   | 0.86 U                                                  | 0.82 U                                                  | 0.85 U                                                  | 0.89 U                                                          | 0.79 U                                                          | 0.77 U [0.87 U]                                                  |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 15. Winthrop Management Sampling Results  
Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | SS-37<br>Winthrop-Unoccupied<br>03/12/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|---------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 19 [20]                                                       |
| 1,1,2,2-Tetrachloroethane                          | 4.0 U [4.6 U]                                                 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 13 [13]                                                       |
| 1,1,2-Trichloroethane                              | 4.0 U [4.6 U]                                                 |
| 1,1-Dichloroethane                                 | 4.0 U [4.6 U]                                                 |
| 1,1-Dichloroethene                                 | 4.0 U [4.6 U]                                                 |
| 1,1-Difluoroethane (Freon 152a)                    | 4.0 U [4.6 U]                                                 |
| 1,2,4-Trichlorobenzene                             | 4.0 U [4.6 U]                                                 |
| 1,2,4-Trimethylbenzene                             | 4.0 U [4.6 U]                                                 |
| 1,2-Dibromo-3-chloropropane                        | 4.0 U [4.6 U]                                                 |
| 1,2-Dibromoethane                                  | 4.0 U [4.6 U]                                                 |
| 1,2-Dichlorobenzene                                | 4.0 U [4.6 U]                                                 |
| 1,2-Dichloroethane                                 | 4.0 U [4.6 U]                                                 |
| 1,2-Dichloroethene (cis)                           | 4.0 U [4.6 U]                                                 |
| 1,2-Dichloroethene (total)                         | 4.0 U [4.6 U]                                                 |
| 1,2-Dichloroethene (trans)                         | 4.0 U [4.6 U]                                                 |
| 1,2-Dichloropropane                                | 4.0 U [4.6 U]                                                 |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 4.0 U [4.6 U]                                                 |
| 1,3,5-Trimethylbenzene                             | 4.0 U [4.6 U]                                                 |
| 1,3-Butadiene                                      | 4.0 U [4.6 U]                                                 |
| 1,3-Dichlorobenzene                                | 4.0 U [4.6 U]                                                 |
| 1,3-Dichloropropene (cis)                          | 4.0 U [4.6 U]                                                 |
| 1,3-Dichloropropene (trans)                        | 4.0 U [4.6 U]                                                 |
| 1,4-Dichlorobenzene                                | 4.0 U [4.6 U]                                                 |
| 1,4-Dioxane                                        | 4.0 U [4.6 U]                                                 |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 4.0 U [4.6 U]                                                 |
| 2-Butanone (Methyl ethyl ketone)                   | 40 U [46 U]                                                   |
| 3-Chloropropene (Allyl Chloride)                   | 4.0 U [4.6 U]                                                 |
| 4-Ethyltoluene                                     | 4.0 U [4.6 U]                                                 |
| 4-Methyl-2-pentanone (MIBK)                        | 4.0 U [4.6 U]                                                 |
| Acetone (2-propanone)                              | 40 U [46 U]                                                   |
| Benzene                                            | 4.0 U [4.6 U]                                                 |
| Bromodichloromethane                               | 4.0 U [4.6 U]                                                 |
| Bromoform                                          | 4.0 U [4.6 U]                                                 |
| Bromomethane (Methyl bromide)                      | 4.0 U [4.6 U]                                                 |
| Carbon disulfide                                   | 40 U [46 U]                                                   |
| Carbon tetrachloride                               | 0.79 U [0.92 U]                                               |
| Chlorobenzene                                      | 4.0 U [4.6 U]                                                 |
| Chlorodifluoromethane (Freon 22)                   | 4.0 U [4.6 U]                                                 |
| Chloroethane                                       | 4.0 U [4.6 U]                                                 |
| Chloroform                                         | 4.0 U [4.6 U]                                                 |
| Chloromethane (Methyl chloride)                    | 4.0 U [4.6 U]                                                 |
| Chloropentafluoroethane (Freon 115)                | 4.0 U [4.6 U]                                                 |
| Cyclohexane                                        | 7.9 U [9.2 U]                                                 |
| Dibromochloromethane                               | 4.0 U [4.6 U]                                                 |
| Dichlorodifluoromethane (Freon 12)                 | 4.0 U [4.6 U]                                                 |
| Ethylbenzene                                       | 4.0 U [4.6 U]                                                 |
| Hexachlorobutadiene                                | 4.0 U [4.6 U]                                                 |
| Isopropyl Alcohol (2-Propanol)                     | 40 U [46 U]                                                   |
| Isopropylbenzene (Cumene)                          | 4.0 U [4.6 U]                                                 |
| Methyl Acetate                                     | 4.0 U [4.6 U]                                                 |
| Methyl Butyl Ketone (2-Hexanone)                   | 4.0 U [4.6 U]                                                 |
| Methyl cyclohexane                                 | 4.0 U [4.6 U]                                                 |
| Methyl tert-Butyl Ether (MTBE)                     | 4.0 U [4.6 U]                                                 |
| Methylene chloride                                 | 4.2 [4.6 U]                                                   |
| n-Hexane                                           | 4.0 U [4.6 U]                                                 |
| Styrene                                            | 4.0 U [4.6 U]                                                 |
| Tetrachloroethene (PCE)                            | 680 [690]                                                     |
| Toluene                                            | 4.0 U [4.6 U]                                                 |
| Trichloroethene (TCE)                              | 61 [63]                                                       |
| Trichlorofluoromethane (Freon 11)                  | 40 [39]                                                       |
| Vinyl chloride                                     | 4.0 U [4.6 U]                                                 |
| Xylenes (m&p)                                      | 4.0 U [4.6 U]                                                 |
| Xylenes (o)                                        | 4.0 U [4.6 U]                                                 |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated number

U = The compound was analyzed for but not detected. The associated value

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 16. Ambient Air Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | AA-01<br>Outside Polar<br>02/28/13<br>µg/m <sup>3</sup> | AA-01<br>Outside Polar<br>03/06/13<br>µg/m <sup>3</sup> | AA-01<br>Outside Polar<br>03/04/13<br>µg/m <sup>3</sup> | AA-04<br>Outside Stellae<br>03/23/13<br>µg/m <sup>3</sup> | AA-05<br>Outside Antech<br>03/13/13<br>µg/m <sup>3</sup> | AA-06<br>Outside NSLIJ<br>03/07/13<br>µg/m <sup>3</sup> | AA-06<br>Outside NSLIJ<br>03/08/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,1,2,2-Tetrachloroethane                          | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,1,2-Trichloroethane                              | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,1-Dichloroethane                                 | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,1-Dichloroethene                                 | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,1-Difluoroethane (Freon 152a)                    | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 1.6                                                      | 0.77 U                                                  | 0.79 U                                                  |
| 1,2,4-Trichlorobenzene                             | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,2,4-Trimethylbenzene                             | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,2-Dibromo-3-chloropropane                        | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,2-Dibromoethane                                  | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,2-Dichlorobenzene                                | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,2-Dichloroethane                                 | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,2-Dichloroethene (cis)                           | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,2-Dichloroethene (total)                         | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,2-Dichloroethene (trans)                         | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,2-Dichloropropane                                | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,3,5-Trimethylbenzene                             | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,3-Butadiene                                      | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,3-Dichlorobenzene                                | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,3-Dichloropropene (cis)                          | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,3-Dichloropropene (trans)                        | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,4-Dichlorobenzene                                | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 1,4-Dioxane                                        | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 2-Butanone (Methyl ethyl ketone)                   | 9.1 U                                                   | 7.6 U                                                   | 8.5 U                                                   | 8.8 U                                                     | 7.8 U                                                    | 7.7 U                                                   | 7.9 U                                                   |
| 3-Chloropropene (Allyl Chloride)                   | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 4-Ethyltoluene                                     | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| 4-Methyl-2-pentanone (MIBK)                        | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Acetone (2-propanone)                              | 16                                                      | 7.6 U                                                   | 8.5 U                                                   | 8.8 U                                                     | 7.8 U                                                    | 7.9                                                     | 7.9 U                                                   |
| Benzene                                            | 1.5                                                     | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.95                                                    | 0.86                                                    |
| Bromodichloromethane                               | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Bromoform                                          | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Bromomethane (Methyl bromide)                      | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Carbon disulfide                                   | 9.1 U                                                   | 7.6 U                                                   | 8.5 U                                                   | 8.8 U                                                     | 7.8 U                                                    | 7.7 U                                                   | 7.9 U                                                   |
| Carbon tetrachloride                               | 0.53                                                    | 0.49                                                    | 0.30                                                    | 0.44                                                      | 0.36                                                     | 0.51                                                    | 0.46                                                    |
| Chlorobenzene                                      | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Chlorodifluoromethane (Freon 22)                   | 1.3                                                     | 0.78                                                    | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Chloroethane                                       | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Chloroform                                         | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Chloromethane (Methyl chloride)                    | 0.98                                                    | 0.89                                                    | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.79                                                    | 0.83                                                    |
| Chloropentafluoroethane (Freon 115)                | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Cyclohexane                                        | 1.8 U                                                   | 1.5 U                                                   | 1.7 U                                                   | 1.8 U                                                     | 1.6 U                                                    | 1.5 U                                                   | 1.6 U                                                   |
| Dibromochloromethane                               | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Dichlorodifluoromethane (Freon 12)                 | 2.9                                                     | 2.5                                                     | 2.0                                                     | 2.1                                                       | 1.9                                                      | 2.3                                                     | 2.3                                                     |
| Ethylbenzene                                       | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Hexachlorobutadiene                                | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Isopropyl Alcohol (2-Propanol)                     | 9.1 U                                                   | 7.6 U                                                   | 8.5 U                                                   | 8.8 U                                                     | 7.8 U                                                    | 7.7 U                                                   | 7.9 U                                                   |
| Isopropylbenzene (Cumene)                          | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Methyl Acetate                                     | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Methyl cyclohexane                                 | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Methyl tert-Butyl Ether (MTBE)                     | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Methylene chloride                                 | 3.1                                                     | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 1.1                                                     | 14                                                      |
| n-Hexane                                           | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.93                                                    | 0.79 U                                                  |
| Styrene                                            | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |
| Tetrachloroethene (PCE)                            | 2.9                                                     | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 2.5                                                     | 0.79 U                                                  |
| Toluene                                            | 2.5                                                     | 0.76 U                                                  | 0.93                                                    | 0.88 U                                                    | 1.2                                                      | 2.2                                                     | 1.3                                                     |
| Trichloroethene (TCE)                              | 0.18 U                                                  | 0.15 U                                                  | 0.17 U                                                  | 0.18 U                                                    | 0.16 U                                                   | 0.15 U                                                  | 0.16 U                                                  |
| Trichlorofluoromethane (Freon 11)                  | 1.5                                                     | 1.2                                                     | 1.0                                                     | 1.1                                                       | 0.98                                                     | 1.2                                                     | 1.1                                                     |
| Vinyl chloride                                     | 0.18 U                                                  | 0.15 U                                                  | 0.17 U                                                  | 0.18 U                                                    | 0.16 U                                                   | 0.15 U                                                  | 0.16 U                                                  |
| Xylenes (m&p)                                      | 2.4                                                     | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 1.0                                                      | 0.94                                                    | 0.81                                                    |
| Xylenes (o)                                        | 0.91 U                                                  | 0.76 U                                                  | 0.85 U                                                  | 0.88 U                                                    | 0.78 U                                                   | 0.77 U                                                  | 0.79 U                                                  |

**Notes:**

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 16. Ambient Air Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | AA-06<br>Outside NSLIJ<br>03/15/13<br>µg/m <sup>3</sup> | AA-07<br>Outside Former Allstate<br>03/13/13<br>µg/m <sup>3</sup> | AA-07<br>Outside Former Allstate<br>03/20/13<br>µg/m <sup>3</sup> | AA-10<br>Outside NSLIJ<br>03/17/13<br>µg/m <sup>3</sup> | AA-10<br>Outside NSLIJ<br>03/10/13<br>µg/m <sup>3</sup> | AA-11<br>Outside Stellae<br>03/21/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,1,2,2-Tetrachloroethane                          | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,1,2-Trichloroethane                              | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,1-Dichloroethane                                 | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,1-Dichloroethene                                 | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,1-Difluoroethane (Freon 152a)                    | 1.6                                                     | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,2,4-Trichlorobenzene                             | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,2,4-Trimethylbenzene                             | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,2-Dibromo-3-chloropropane                        | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,2-Dibromoethane                                  | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,2-Dichlorobenzene                                | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,2-Dichloroethane                                 | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,2-Dichloroethene (cis)                           | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,2-Dichloroethene (total)                         | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,2-Dichloroethene (trans)                         | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,2-Dichloropropane                                | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,3,5-Trimethylbenzene                             | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,3-Butadiene                                      | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,3-Dichlorobenzene                                | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,3-Dichloropropene (cis)                          | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,3-Dichloropropene (trans)                        | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,4-Dichlorobenzene                                | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 1,4-Dioxane                                        | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 2-Butanone (Methyl ethyl ketone)                   | 7.5 U                                                   | 8.9 U                                                             | 8.0 U                                                             | 7.8 U                                                   | 8.0 U                                                   | 8.8 U                                                     |
| 3-Chloropropene (Allyl Chloride)                   | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 4-Ethyltoluene                                     | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| 4-Methyl-2-pentanone (MIBK)                        | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Acetone (2-propanone)                              | 28                                                      | 8.9 U                                                             | 8.0 U                                                             | 7.8 U                                                   | 9.0                                                     | 8.8 U                                                     |
| Benzene                                            | 1.3                                                     | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88                                                      |
| Bromodichloromethane                               | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Bromoform                                          | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Bromomethane (Methyl bromide)                      | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Carbon disulfide                                   | 7.5 U                                                   | 8.9 U                                                             | 8.0 U                                                             | 7.8 U                                                   | 8.0 U                                                   | 8.8 U                                                     |
| Carbon tetrachloride                               | 0.42                                                    | 0.29                                                              | 0.46                                                              | 0.40                                                    | 0.36                                                    | 0.46                                                      |
| Chlorobenzene                                      | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Chlorodifluoromethane (Freon 22)                   | 0.84                                                    | 0.89 U                                                            | 0.91                                                              | 0.80                                                    | 0.80 U                                                  | 0.88 U                                                    |
| Chloroethane                                       | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Chloroform                                         | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Chloromethane (Methyl chloride)                    | 0.76                                                    | 0.89 U                                                            | 0.82                                                              | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Chloropentafluoroethane (Freon 115)                | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Cyclohexane                                        | 1.5 U                                                   | 1.8 U                                                             | 1.6 U                                                             | 1.6 U                                                   | 1.6 U                                                   | 1.8 U                                                     |
| Dibromochloromethane                               | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Dichlorodifluoromethane (Freon 12)                 | 2.1                                                     | 1.8                                                               | 2.3                                                               | 2.6                                                     | 1.9                                                     | 2.2                                                       |
| Ethylbenzene                                       | 1.2                                                     | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Hexachlorobutadiene                                | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Isopropyl Alcohol (2-Propanol)                     | 8.7                                                     | 8.9 U                                                             | 8.0 U                                                             | 7.8 U                                                   | 8.0 U                                                   | 8.8 U                                                     |
| Isopropylbenzene (Cumene)                          | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Methyl Acetate                                     | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Methyl cyclohexane                                 | 0.83                                                    | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Methyl tert-Butyl Ether (MTBE)                     | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Methylene chloride                                 | 3.4                                                     | 0.89 U                                                            | 1.7                                                               | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| n-Hexane                                           | 1.6                                                     | 0.89 U                                                            | 0.92                                                              | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Styrene                                            | 0.75 U                                                  | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Tetrachloroethene (PCE)                            | 3.6                                                     | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |
| Toluene                                            | 12                                                      | 1.0                                                               | 7.9                                                               | 0.78 U                                                  | 0.88                                                    | 1.6                                                       |
| Trichloroethene (TCE)                              | 0.15 U                                                  | 0.18 U                                                            | 0.16 U                                                            | 0.16 U                                                  | 0.16 U                                                  | 0.18 U                                                    |
| Trichlorofluoromethane (Freon 11)                  | 0.95                                                    | 0.93                                                              | 1.2                                                               | 1.2                                                     | 1.0                                                     | 1.2                                                       |
| Vinyl chloride                                     | 0.15 U                                                  | 0.18 U                                                            | 0.16 U                                                            | 0.16 U                                                  | 0.16 U                                                  | 0.18 U                                                    |
| Xylenes (m&p)                                      | 4.0                                                     | 0.89 U                                                            | 0.87                                                              | 0.78 U                                                  | 0.80 U                                                  | 1.2                                                       |
| Xylenes (o)                                        | 1.4                                                     | 0.89 U                                                            | 0.80 U                                                            | 0.78 U                                                  | 0.80 U                                                  | 0.88 U                                                    |

**Notes:**

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 16. Ambient Air Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Area:<br>Date Collected:<br>Units: | AA-12<br>Outside B2/B3<br>02/25/13<br>µg/m <sup>3</sup> | AA-12<br>Outside B2/B3<br>02/26/13<br>µg/m <sup>3</sup> | AA-12<br>Outside B2/B3<br>02/27/13<br>µg/m <sup>3</sup> | AA-12<br>Outside B2/B3<br>03/02/13<br>µg/m <sup>3</sup> | AA-12<br>Outside B2/B3<br>03/12/13<br>µg/m <sup>3</sup> | AA-14<br>Outside Cablevision<br>03/05/13<br>µg/m <sup>3</sup> | AA-14<br>Outside Cablevision<br>03/16/13<br>µg/m <sup>3</sup> |
|----------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| 1,1,1-Trichloroethane                              | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,1,2,2-Tetrachloroethane                          | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)  | 0.97                                                    | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,1,2-Trichloroethane                              | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,1-Dichloroethane                                 | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,1-Dichloroethene                                 | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,1-Difluoroethane (Freon 152a)                    | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,2,4-Trichlorobenzene                             | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,2,4-Trimethylbenzene                             | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,2-Dibromo-3-chloropropane                        | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,2-Dibromoethane                                  | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,2-Dichlorobenzene                                | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,2-Dichloroethane                                 | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,2-Dichloroethene (cis)                           | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,2-Dichloroethene (total)                         | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,2-Dichloroethene (trans)                         | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,2-Dichloropropane                                | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,2-Dichlorotetrafluoroethane (Freon 114)          | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,3,5-Trimethylbenzene                             | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,3-Butadiene                                      | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,3-Dichlorobenzene                                | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,3-Dichloropropene (cis)                          | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,3-Dichloropropene (trans)                        | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,4-Dichlorobenzene                                | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 1,4-Dioxane                                        | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)     | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 2-Butanone (Methyl ethyl ketone)                   | 9.3 U                                                   | 8.4 U                                                   | 8.6 U                                                   | 8.0 U                                                   | 9.0 U                                                   | 7.8 U                                                         | 8.6 U                                                         |
| 3-Chloropropene (Allyl Chloride)                   | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 4-Ethyltoluene                                     | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| 4-Methyl-2-pentanone (MIBK)                        | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Acetone (2-propanone)                              | 9.3 U                                                   | 10                                                      | 8.6 U                                                   | 8.0 U                                                   | 9.0 U                                                   | 31                                                            | 10                                                            |
| Benzene                                            | 0.93 U                                                  | 0.84 U                                                  | 0.89                                                    | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Bromodichloromethane                               | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Bromoform                                          | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Bromomethane (Methyl bromide)                      | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Carbon disulfide                                   | 9.3 U                                                   | 8.4 U                                                   | 8.6 U                                                   | 8.0 U                                                   | 9.0 U                                                   | 7.8 U                                                         | 8.6 U                                                         |
| Carbon tetrachloride                               | 0.33                                                    | 0.45                                                    | 0.46                                                    | 0.42                                                    | 0.45                                                    | 0.43                                                          | 0.51                                                          |
| Chlorobenzene                                      | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Chlorodifluoromethane (Freon 22)                   | 0.93 U                                                  | 1.2                                                     | 1.6                                                     | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Chloroethane                                       | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Chloroform                                         | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Chloromethane (Methyl chloride)                    | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Chloropentafluoroethane (Freon 115)                | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Cyclohexane                                        | 1.9 U                                                   | 1.7 U                                                   | 1.7 U                                                   | 1.6 U                                                   | 1.8 U                                                   | 1.6 U                                                         | 1.7 U                                                         |
| Dibromochloromethane                               | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Dichlorodifluoromethane (Freon 12)                 | 2.1                                                     | 2.5                                                     | 2.6                                                     | 2.1                                                     | 2.2                                                     | 2.3                                                           | 2.5                                                           |
| Ethylbenzene                                       | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Hexachlorobutadiene                                | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Isopropyl Alcohol (2-Propanol)                     | 9.3 U                                                   | 12                                                      | 8.6 U                                                   | 8.0 U                                                   | 9.0 U                                                   | 7.8 U                                                         | 8.6 U                                                         |
| Isopropylbenzene (Cumene)                          | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Methyl Acetate                                     | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Methyl Butyl Ketone (2-Hexanone)                   | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.83                                                          | 0.86 U                                                        |
| Methyl cyclohexane                                 | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Methyl tert-Butyl Ether (MTBE)                     | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Methylene chloride                                 | 0.93 U                                                  | 0.84 U                                                  | 9.4                                                     | 4.9                                                     | 1.8                                                     | 0.78 U                                                        | 0.86 U                                                        |
| n-Hexane                                           | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Styrene                                            | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Tetrachloroethene (PCE)                            | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 1.3                                                           |
| Toluene                                            | 0.93 U                                                  | 0.97                                                    | 2.0                                                     | 0.80 U                                                  | 0.90 U                                                  | 1.1                                                           | 0.86 U                                                        |
| Trichloroethene (TCE)                              | 0.19 U                                                  | 0.17 U                                                  | 0.17 U                                                  | 0.16 U                                                  | 0.18 U                                                  | 0.16 U                                                        | 0.17 U                                                        |
| Trichlorofluoromethane (Freon 11)                  | 1.1                                                     | 1.2                                                     | 1.3                                                     | 1.1                                                     | 1.1                                                     | 1.1                                                           | 1.2                                                           |
| Vinyl chloride                                     | 0.19 U                                                  | 0.17 U                                                  | 0.17 U                                                  | 0.16 U                                                  | 0.18 U                                                  | 0.16 U                                                        | 0.17 U                                                        |
| Xylenes (m&p)                                      | 0.93 U                                                  | 0.84 U                                                  | 1.1                                                     | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |
| Xylenes (o)                                        | 0.93 U                                                  | 0.84 U                                                  | 0.86 U                                                  | 0.80 U                                                  | 0.90 U                                                  | 0.78 U                                                        | 0.86 U                                                        |

**Notes:**

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 17. Nested Well Soil Vapor Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Sample Depth(Feet):<br>Date Collected:<br>Units: | FPM-20<br>9<br>03/16/13<br>µg/m <sup>3</sup> | LIJ-VP-7<br>10<br>03/08/13<br>µg/m <sup>3</sup> | LIJ-VP-7<br>20<br>03/08/13<br>µg/m <sup>3</sup> | LIJ-VP-7<br>30<br>03/08/13<br>µg/m <sup>3</sup> | LIJ-VP-7<br>40<br>03/08/13<br>µg/m <sup>3</sup> | LIJ-VP-7<br>50<br>03/08/13<br>µg/m <sup>3</sup> | VP-8<br>5<br>02/27/13<br>µg/m <sup>3</sup> | VP-8<br>10<br>02/27/13<br>µg/m <sup>3</sup> | VP-8<br>20<br>02/27/13<br>µg/m <sup>3</sup> |
|------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------------|
| 1,1,1-Trichloroethane                                            | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 13                                          |
| 1,1,2,2-Tetrachloroethane                                        | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)                | 6.8                                          | 73                                              | 230                                             | 1,400                                           | 1,100                                           | 140 [140]                                       | 0.79 U                                     | 0.81 U                                      | 4.8                                         |
| 1,1,2-Trichloroethane                                            | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,1-Dichloroethane                                               | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,1-Dichloroethene                                               | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,1-Difluoroethane (Freon 152a)                                  | 16                                           | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 8.3                                        | 7.9                                         | 4.2                                         |
| 1,2,4-Trichlorobenzene                                           | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,2,4-Trimethylbenzene                                           | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,2-Dibromo-3-chloropropane                                      | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,2-Dibromoethane                                                | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,2-Dichlorobenzene                                              | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,2-Dichloroethane                                               | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,2-Dichloroethene (cis) (DCE)                                   | 0.78 U                                       | 35 U                                            | 96 U                                            | 1,800                                           | 11,000                                          | 970 [1,000]                                     | 0.79 U                                     | 0.81 U                                      | 0.93                                        |
| 1,2-Dichloroethene (total)                                       | 0.78 U                                       | 35 U                                            | 96 U                                            | 1,800                                           | 11,000                                          | 970 [1,000]                                     | 0.79 U                                     | 0.81 U                                      | 0.93                                        |
| 1,2-Dichloroethene (trans)                                       | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,2-Dichloropropane                                              | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,2-Dichlorotetrafluoroethane (Freon 114)                        | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,3,5-Trimethylbenzene                                           | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,3-Butadiene                                                    | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,3-Dichlorobenzene                                              | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,3-Dichloropropene (cis)                                        | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,3-Dichloropropene (trans)                                      | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,4-Dichlorobenzene                                              | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 1,4-Dioxane                                                      | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)                   | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 2-Butanone (Methyl ethyl ketone)                                 | 7.8 U                                        | 350 U                                           | 960 U                                           | 2,300 U                                         | 3,900 U                                         | 290 U [350 U]                                   | 7.9 U                                      | 8.1 U                                       | 7.9 U                                       |
| 3-Chloropropene (Allyl Chloride)                                 | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 4-Ethyltoluene                                                   | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| 4-Methyl-2-pentanone (MIBK)                                      | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Acetone (2-propanone)                                            | 8.3                                          | 350 U                                           | 960 U                                           | 2,300 U                                         | 3,900 U                                         | 290 U [350 U]                                   | 7.9 U                                      | 8.1 U                                       | 10                                          |
| Benzene                                                          | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Bromodichloromethane                                             | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Bromoform                                                        | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Bromomethane (Methyl bromide)                                    | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Carbon disulfide                                                 | 7.8 U                                        | 350 U                                           | 960 U                                           | 2,300 U                                         | 3,900 U                                         | 290 U [350 U]                                   | 7.9 U                                      | 8.1 U                                       | 7.9 U                                       |
| Carbon tetrachloride                                             | 0.61                                         | 7.1 U                                           | 19 U                                            | 45 U                                            | 78 U                                            | 5.9 U [7.0 U]                                   | 0.54                                       | 0.52                                        | 0.43                                        |
| Chlorobenzene                                                    | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Chlorodifluoromethane (Freon 22)                                 | 1.6                                          | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 75 [72]                                         | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Chloroethane                                                     | 1.8                                          | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Chloroform                                                       | 27                                           | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 150 [160]                                       | 0.79 U                                     | 0.82                                        | 1.2                                         |
| Chloromethane (Methyl chloride)                                  | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Chloropentafluoroethane (Freon 115)                              | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Cyclohexane                                                      | 1.6 U                                        | 71 U                                            | 190 U                                           | 450 U                                           | 780 U                                           | 59 U [70 U]                                     | 1.6 U                                      | 1.6 U                                       | 1.6 U                                       |
| Dibromochloromethane                                             | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Dichlorodifluoromethane (Freon 12)                               | 2.1                                          | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 2.7                                        | 2.6                                         | 2.4                                         |
| Ethylbenzene                                                     | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Hexachlorobutadiene                                              | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Isopropyl Alcohol (2-Propanol)                                   | 7.8 U                                        | 350 U                                           | 960 U                                           | 2,300 U                                         | 3,900 U                                         | 290 U [350 U]                                   | 7.9 U                                      | 8.1 U                                       | 7.9 U                                       |
| Isopropylbenzene (Cumene)                                        | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Methyl Acetate                                                   | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Methyl Butyl Ketone (2-Hexanone)                                 | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Methyl cyclohexane                                               | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Methyl tert-Butyl Ether (MTBE)                                   | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Methylene chloride                                               | 1.9                                          | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| n-Hexane                                                         | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Styrene                                                          | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Tetrachloroethene (PCE)                                          | 660 D                                        | 8,900 D                                         | 21,000 D                                        | 40,000                                          | 38,000                                          | 2,600 [2,900]                                   | 7.7                                        | 18                                          | 200 D                                       |
| Toluene                                                          | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.96                                       | 1.2                                         | 1.1                                         |
| Trichloroethene (TCE)                                            | 52                                           | 260                                             | 3,100                                           | 32,000                                          | 53,000                                          | 4,900 [5,700]                                   | 33                                         | 56                                          | 240 D                                       |
| Trichlorofluoromethane (Freon 11)                                | 1.3                                          | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 1.4                                        | 1.4                                         | 20                                          |
| Vinyl chloride                                                   | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Xylenes (m&p)                                                    | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |
| Xylenes (o)                                                      | 0.78 U                                       | 35 U                                            | 96 U                                            | 230 U                                           | 390 U                                           | 29 U [35 U]                                     | 0.79 U                                     | 0.81 U                                      | 0.79 U                                      |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 17. Nested Well Soil Vapor Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Sample Depth(Feet):<br>Date Collected:<br>Units: | VP-8D<br>53.5<br>02/26/13<br>µg/m <sup>3</sup> | VP-8D<br>62.5<br>02/26/13<br>µg/m <sup>3</sup> | VP-8D<br>72.5<br>02/26/13<br>µg/m <sup>3</sup> | VP-9<br>10<br>03/23/13<br>µg/m <sup>3</sup> | VP-9<br>20<br>03/23/13<br>µg/m <sup>3</sup> | VP-9<br>30<br>03/23/13<br>µg/m <sup>3</sup> | VP-9<br>40<br>03/23/13<br>µg/m <sup>3</sup> | VP-9<br>50<br>03/23/13<br>µg/m <sup>3</sup> | VP-9<br>60<br>03/23/13<br>µg/m <sup>3</sup> |
|------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|
| 1,1,1-Trichloroethane                                            | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 30                                          | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,1,2,2-Tetrachloroethane                                        | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)                | 690 [680]                                      | 660                                            | 990                                            | 160                                         | 2,700                                       | 11,000                                      | 230,000                                     | 1,900                                       | 2,200                                       |
| 1,1,2-Trichloroethane                                            | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,1-Dichloroethane                                               | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,1-Dichloroethene                                               | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,1-Difluoroethane (Freon 152a)                                  | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,2,4-Trichlorobenzene                                           | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,2,4-Trimethylbenzene                                           | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,2-Dibromo-3-chloropropane                                      | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,2-Dibromoethane                                                | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,2-Dichlorobenzene                                              | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,2-Dichloroethane                                               | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,2-Dichloroethene (cis) (DCE)                                   | 1,300 [1,300]                                  | 1,300                                          | 1,700                                          | 220                                         | 2,400                                       | 7,800                                       | 96,000                                      | 3,300                                       | 2,200                                       |
| 1,2-Dichloroethene (total)                                       | 1,300 [1,300]                                  | 1,300                                          | 1,700                                          | 220                                         | 2,400                                       | 7,800                                       | 96,000                                      | 3,300                                       | 2,200                                       |
| 1,2-Dichloroethene (trans)                                       | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,2-Dichloropropane                                              | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,2-Dichlorotetrafluoroethane (Freon 114)                        | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,3,5-Trimethylbenzene                                           | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,3-Butadiene                                                    | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,3-Dichlorobenzene                                              | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,3-Dichloropropene (cis)                                        | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,3-Dichloropropene (trans)                                      | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,4-Dichlorobenzene                                              | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 1,4-Dioxane                                                      | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)                   | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 2-Butanone (Methyl ethyl ketone)                                 | 4,100 U [1,800 U]                              | 3,000 U                                        | 2,900 U                                        | 230 U                                       | 1,500 U                                     | 5,500 U                                     | 28,000 U                                    | 2,800 U                                     | 3,100 U                                     |
| 3-Chloropropene (Allyl Chloride)                                 | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 4-Ethyltoluene                                                   | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| 4-Methyl-2-pentanone (MIBK)                                      | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Acetone (2-propanone)                                            | 4,100 U [1,800 U]                              | 3,000 U                                        | 2,900 U                                        | 230 U                                       | 1,500 U                                     | 5,500 U                                     | 28,000 U                                    | 2,800 U                                     | 3,100 U                                     |
| Benzene                                                          | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Bromodichloromethane                                             | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Bromoform                                                        | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Bromomethane (Methyl bromide)                                    | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Carbon disulfide                                                 | 4,100 U [1,800 U]                              | 3,000 U                                        | 2,900 U                                        | 230 U                                       | 1,500 U                                     | 5,500 U                                     | 28,000 U                                    | 2,800 U                                     | 3,100 U                                     |
| Carbon tetrachloride                                             | 82 U [36 U]                                    | 61 U                                           | 58 U                                           | 4.7 U                                       | 29 U                                        | 110 U                                       | 570 U                                       | 56 U                                        | 62 U                                        |
| Chlorobenzene                                                    | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Chlorodifluoromethane (Freon 22)                                 | 410 U [270]                                    | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Chloroethane                                                     | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Chloroform                                                       | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 28                                          | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Chloromethane (Methyl chloride)                                  | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Chloropentafluoroethane (Freon 115)                              | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Cyclohexane                                                      | 820 U [360 U]                                  | 610 U                                          | 580 U                                          | 47 U                                        | 290 U                                       | 1,100 U                                     | 5,700 U                                     | 560 U                                       | 620 U                                       |
| Dibromochloromethane                                             | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Dichlorodifluoromethane (Freon 12)                               | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Ethylbenzene                                                     | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Hexachlorobutadiene                                              | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Isopropyl Alcohol (2-Propanol)                                   | 4,100 U [1,800 U]                              | 3,000 U                                        | 2,900 U                                        | 230 U                                       | 1,500 U                                     | 5,500 U                                     | 28,000 U                                    | 2,800 U                                     | 3,100 U                                     |
| Isopropylbenzene (Cumene)                                        | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Methyl Acetate                                                   | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Methyl Butyl Ketone (2-Hexanone)                                 | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Methyl cyclohexane                                               | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Methyl tert-Butyl Ether (MTBE)                                   | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Methylene chloride                                               | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| n-Hexane                                                         | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Styrene                                                          | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Tetrachloroethene (PCE)                                          | 1,700 [1,600]                                  | 1,400                                          | 1,700                                          | 940                                         | 3,600                                       | 8,400                                       | 49,000                                      | 5,000                                       | 5,400                                       |
| Toluene                                                          | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Trichloroethene (TCE)                                            | 73,000 [75,000 D]                              | 48,000                                         | 57,000                                         | 4,000                                       | 24,000                                      | 85,000                                      | 470,000                                     | 45,000                                      | 48,000                                      |
| Trichlorofluoromethane (Freon 11)                                | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Vinyl chloride                                                   | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Xylenes (m&p)                                                    | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |
| Xylenes (o)                                                      | 410 U [180 U]                                  | 300 U                                          | 290 U                                          | 23 U                                        | 150 U                                       | 550 U                                       | 2,800 U                                     | 280 U                                       | 310 U                                       |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 17. Nested Well Soil Vapor Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Sample Depth(Feet):<br>Date Collected:<br>Units: | VP-102<br>19.5<br>03/17/13<br>µg/m <sup>3</sup> | VP-102<br>51.5<br>03/17/13<br>µg/m <sup>3</sup> | VP-102<br>57.5<br>03/17/13<br>µg/m <sup>3</sup> | VP-102<br>61.5<br>03/17/13<br>µg/m <sup>3</sup> | VP-102<br>73.5<br>03/17/13<br>µg/m <sup>3</sup> | VP-103<br>20<br>03/17/13<br>µg/m <sup>3</sup> | VP-103<br>30<br>03/17/13<br>µg/m <sup>3</sup> | VP-103<br>40<br>03/17/13<br>µg/m <sup>3</sup> | VP-103<br>50<br>03/17/13<br>µg/m <sup>3</sup> | VP-103<br>61.5<br>03/17/13<br>µg/m <sup>3</sup> |
|------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-------------------------------------------------|
| 1,1,1-Trichloroethane                                            | 0.71 U                                          | 4.5                                             | 5.3                                             | 5.4                                             | 4.9                                             | 0.74 U                                        | 0.79 U                                        | 0.93                                          | 1.9                                           | 2.2                                             |
| 1,1,2,2-Tetrachloroethane                                        | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)                | 7.6                                             | 51                                              | 54                                              | 52                                              | 46                                              | 4.9                                           | 15                                            | 27                                            | 54                                            | 47                                              |
| 1,1,2-Trichloroethane                                            | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,1-Dichloroethane                                               | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,1-Dichloroethene                                               | 0.71 U                                          | 1.1                                             | 1.2                                             | 0.98                                            | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,1-Difluoroethane (Freon 152a)                                  | 3.9                                             | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 14                                            | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,2,4-Trichlorobenzene                                           | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,2,4-Trimethylbenzene                                           | 2.7                                             | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 1.4                                             | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 1.9                                             |
| 1,2-Dibromo-3-chloropropane                                      | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,2-Dibromoethane                                                | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,2-Dichlorobenzene                                              | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,2-Dichloroethane                                               | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,2-Dichloroethene (cis) (DCE)                                   | 0.71 U                                          | 19                                              | 22                                              | 21                                              | 17                                              | 0.74 U                                        | 0.94                                          | 6.5                                           | 12                                            | 11                                              |
| 1,2-Dichloroethene (total)                                       | 1.3                                             | 21                                              | 23                                              | 22                                              | 18                                              | 0.74 U                                        | 0.94                                          | 6.5                                           | 12                                            | 11                                              |
| 1,2-Dichloroethene (trans)                                       | 1.3                                             | 1.2                                             | 1.0                                             | 1.1                                             | 1.2                                             | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,2-Dichloropropane                                              | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,2-Dichlorotetrafluoroethane (Freon 114)                        | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,3,5-Trimethylbenzene                                           | 1.0                                             | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,3-Butadiene                                                    | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,3-Dichlorobenzene                                              | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,3-Dichloropropene (cis)                                        | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,3-Dichloropropene (trans)                                      | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,4-Dichlorobenzene                                              | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 1,4-Dioxane                                                      | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)                   | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 2-Butanone (Methyl ethyl ketone)                                 | 15                                              | 8.2 U                                           | 8.1 U                                           | 8.1 U                                           | 7.7 U                                           | 7.4 U                                         | 7.9 U                                         | 7.4 U                                         | 7.6 U                                         | 7.6 U                                           |
| 3-Chloropropene (Allyl Chloride)                                 | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| 4-Ethyltoluene                                                   | 1.1                                             | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.78                                            |
| 4-Methyl-2-pentanone (MIBK)                                      | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Acetone (2-propanone)                                            | 58                                              | 24                                              | 13                                              | 12                                              | 15                                              | 7.4 U                                         | 8.6                                           | 21                                            | 11                                            | 33                                              |
| Benzene                                                          | 0.89                                            | 0.82 U                                          | 0.87                                            | 0.94                                            | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.93                                          | 0.76 U                                        | 0.89                                            |
| Bromodichloromethane                                             | 0.71 U                                          | 0.82 U                                          | 0.94                                            | 1.1                                             | 1.2                                             | 0.74 U                                        | 0.79 U                                        | 3.9                                           | 6.2                                           | 5.8                                             |
| Bromoform                                                        | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Bromomethane (Methyl bromide)                                    | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Carbon disulfide                                                 | 7.1 U                                           | 8.2 U                                           | 8.1 U                                           | 8.1 U                                           | 8.9                                             | 7.4 U                                         | 7.9 U                                         | 7.4 U                                         | 7.6 U                                         | 7.6 U                                           |
| Carbon tetrachloride                                             | 0.87                                            | 1.9                                             | 2.0                                             | 2.0                                             | 1.7                                             | 3.9                                           | 9.1                                           | 20                                            | 12                                            | 11                                              |
| Chlorobenzene                                                    | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Chlorodifluoromethane (Freon 22)                                 | 3.7                                             | 24                                              | 27                                              | 26                                              | 23                                              | 13                                            | 37                                            | 47                                            | 250 D                                         | 150                                             |
| Chloroethane                                                     | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Chloroform                                                       | 7.0                                             | 33                                              | 31                                              | 28                                              | 24                                              | 1.4                                           | 5.0                                           | 23                                            | 28                                            | 30                                              |
| Chloromethane (Methyl chloride)                                  | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Chloropentafluoroethane (Freon 115)                              | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Cyclohexane                                                      | 1.4 U                                           | 1.6 U                                           | 1.6 U                                           | 1.6 U                                           | 1.5 U                                           | 1.5 U                                         | 1.6 U                                         | 1.5 U                                         | 1.5 U                                         | 1.5 U                                           |
| Dibromochloromethane                                             | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Dichlorodifluoromethane (Freon 12)                               | 2.5                                             | 2.7                                             | 2.7                                             | 2.5                                             | 2.8                                             | 2.6                                           | 2.7                                           | 2.6                                           | 2.8                                           | 2.2                                             |
| Ethylbenzene                                                     | 1.3                                             | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Hexachlorobutadiene                                              | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Isopropyl Alcohol (2-Propanol)                                   | 150                                             | 8.2 U                                           | 8.1 U                                           | 8.1 U                                           | 7.7 U                                           | 7.4 U                                         | 7.9 U                                         | 7.4 U                                         | 7.6 U                                         | 17                                              |
| Isopropylbenzene (Cumene)                                        | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Methyl Acetate                                                   | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Methyl Butyl Ketone (2-Hexanone)                                 | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Methyl cyclohexane                                               | 1.1                                             | 1.0                                             | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Methyl tert-Butyl Ether (MTBE)                                   | 0.71 U                                          | 0.82 U                                          | 0.93                                            | 1.0                                             | 0.95                                            | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Methylene chloride                                               | 1.9                                             | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| n-Hexane                                                         | 2.2                                             | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Styrene                                                          | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Tetrachloroethene (PCE)                                          | 190 D                                           | 520 D                                           | 560 D                                           | 540 D                                           | 470 D                                           | 30                                            | 64                                            | 110                                           | 240 D                                         | 220 D                                           |
| Toluene                                                          | 11                                              | 3.2                                             | 2.8                                             | 2.9                                             | 3.1                                             | 1.5                                           | 3.7                                           | 4.3                                           | 2.1                                           | 25                                              |
| Trichloroethene (TCE)                                            | 120                                             | 1,200 D                                         | 1,300 D                                         | 1,300 D                                         | 1,100 D                                         | 86                                            | 200 D                                         | 410 D                                         | 750 D                                         | 670 D                                           |
| Trichlorofluoromethane (Freon 11)                                | 1.8                                             | 5.2                                             | 5.9                                             | 5.8                                             | 5.1                                             | 2.6                                           | 4.6                                           | 5.7                                           | 12                                            | 11                                              |
| Vinyl chloride                                                   | 0.71 U                                          | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |
| Xylenes (m&p)                                                    | 4.9                                             | 0.82                                            | 0.81 U                                          | 0.81 U                                          | 1.3                                             | 0.74 U                                        | 0.79 U                                        | 0.76                                          | 0.76 U                                        | 1.3                                             |
| Xylenes (o)                                                      | 1.7                                             | 0.82 U                                          | 0.81 U                                          | 0.81 U                                          | 0.77 U                                          | 0.74 U                                        | 0.79 U                                        | 0.74 U                                        | 0.76 U                                        | 0.76 U                                          |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 17. Nested Well Soil Vapor Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Sample Depth(Feet):<br>Date Collected:<br>Units: | VP-103<br>74.5<br>03/17/13<br>µg/m <sup>3</sup> | VP-104<br>10<br>02/25/13<br>µg/m <sup>3</sup> | VP-104<br>19<br>02/25/13<br>µg/m <sup>3</sup> | VP-104<br>30<br>02/25/13<br>µg/m <sup>3</sup> | VP-104<br>40<br>02/25/13<br>µg/m <sup>3</sup> | VP-104<br>50<br>02/25/13<br>µg/m <sup>3</sup> | VP-104<br>62<br>02/25/13<br>µg/m <sup>3</sup> | VP-104<br>73<br>02/25/13<br>µg/m <sup>3</sup> | VP-105<br>10<br>03/23/13<br>µg/m <sup>3</sup> | VP-105<br>20<br>03/23/13<br>µg/m <sup>3</sup> |
|------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| 1,1,1-Trichloroethane                                            | 2.1 [2.3]                                       | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,1,2,2-Tetrachloroethane                                        | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)                | 48 [52]                                         | 8,400                                         | 8,100                                         | 7,200                                         | 7,900                                         | 1,300 D                                       | 450                                           | 240                                           | 28                                            | 120                                           |
| 1,1,2-Trichloroethane                                            | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,1-Dichloroethane                                               | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,1-Dichloroethene                                               | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,1-Difluoroethane (Freon 152a)                                  | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,2,4-Trichlorobenzene                                           | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,2,4-Trimethylbenzene                                           | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,2-Dibromo-3-chloropropane                                      | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,2-Dibromoethane                                                | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,2-Dichlorobenzene                                              | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,2-Dichloroethane                                               | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,2-Dichloroethene (cis) (DCE)                                   | 11 [12]                                         | 48 U                                          | 140                                           | 170                                           | 200                                           | 520                                           | 440                                           | 340                                           | 4.5 U                                         | 12 U                                          |
| 1,2-Dichloroethene (total)                                       | 11 [12]                                         | 48 U                                          | 140                                           | 170                                           | 200                                           | 520                                           | 450                                           | 340                                           | 4.5 U                                         | 12 U                                          |
| 1,2-Dichloroethene (trans)                                       | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 7.4                                           | 6.0                                           | 4.9                                           | 4.5 U                                         | 12 U                                          |
| 1,2-Dichloropropane                                              | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,2-Dichlorotetrafluoroethane (Freon 114)                        | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,3,5-Trimethylbenzene                                           | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,3-Butadiene                                                    | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,3-Dichlorobenzene                                              | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,3-Dichloropropene (cis)                                        | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,3-Dichloropropene (trans)                                      | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,4-Dichlorobenzene                                              | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 1,4-Dioxane                                                      | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)                   | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 2-Butanone (Methyl ethyl ketone)                                 | 7.8 U [7.8 U]                                   | 480 U                                         | 410 U                                         | 360 U                                         | 500 U                                         | 42 U                                          | 41 U                                          | 43 U                                          | 45 U                                          | 120 U                                         |
| 3-Chloropropene (Allyl Chloride)                                 | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 4-Ethyltoluene                                                   | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| 4-Methyl-2-pentanone (MIBK)                                      | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Acetone (2-propanone)                                            | 8.7 [13]                                        | 480 U                                         | 410 U                                         | 360 U                                         | 500 U                                         | 42 U                                          | 41 U                                          | 43 U                                          | 45 U                                          | 120 U                                         |
| Benzene                                                          | 0.83 [0.78 U]                                   | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Bromodichloromethane                                             | 5.7 [6.5]                                       | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Bromoform                                                        | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Bromomethane (Methyl bromide)                                    | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Carbon disulfide                                                 | 7.8 U [7.8 U]                                   | 480 U                                         | 410 U                                         | 360 U                                         | 500 U                                         | 42 U                                          | 41 U                                          | 43 U                                          | 45 U                                          | 120 U                                         |
| Carbon tetrachloride                                             | 9.7 [10]                                        | 9.5 U                                         | 8.2 U                                         | 7.2 U                                         | 9.9 U                                         | 3.7                                           | 3.7                                           | 4.0                                           | 0.90 U                                        | 2.3 U                                         |
| Chlorobenzene                                                    | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Chlorodifluoromethane (Freon 22)                                 | 220 D [250 D]                                   | 48 U                                          | 90                                            | 100                                           | 110                                           | 300                                           | 330                                           | 310                                           | 4.5 U                                         | 12 U                                          |
| Chloroethane                                                     | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Chloroform                                                       | 36 [39]                                         | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 82                                            | 93                                            | 100                                           | 26                                            | 25                                            |
| Chloromethane (Methyl chloride)                                  | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Chloropentafluoroethane (Freon 115)                              | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Cyclohexane                                                      | 1.6 U [1.6 U]                                   | 95 U                                          | 82 U                                          | 72 U                                          | 99 U                                          | 8.3 U                                         | 8.3 U                                         | 8.5 U                                         | 9.0 U                                         | 23 U                                          |
| Dibromochloromethane                                             | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Dichlorodifluoromethane (Freon 12)                               | 2.5 [2.6]                                       | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Ethylbenzene                                                     | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Hexachlorobutadiene                                              | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Isopropyl Alcohol (2-Propanol)                                   | 7.8 U [7.8 U]                                   | 480 U                                         | 410 U                                         | 360 U                                         | 500 U                                         | 42 U                                          | 41 U                                          | 43 U                                          | 45 U                                          | 120 U                                         |
| Isopropylbenzene (Cumene)                                        | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Methyl Acetate                                                   | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Methyl Butyl Ketone (2-Hexanone)                                 | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Methyl cyclohexane                                               | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Methyl tert-Butyl Ether (MTBE)                                   | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Methylene chloride                                               | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| n-Hexane                                                         | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Styrene                                                          | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Tetrachloroethene (PCE)                                          | 230 D [240 D]                                   | 920                                           | 1,000                                         | 960                                           | 1,200                                         | 990 D                                         | 960 D                                         | 930 D                                         | 1,200 D                                       | 2,800 D                                       |
| Toluene                                                          | 2.8 [2.2]                                       | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 10                                            | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Trichloroethene (TCE)                                            | 660 D [720 D]                                   | 620                                           | 1,200                                         | 1,300                                         | 1,500                                         | 2,200 D                                       | 2,100 D                                       | 2,100 D                                       | 240                                           | 490                                           |
| Trichlorofluoromethane (Freon 11)                                | 11 [12]                                         | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 31                                            | 31                                            | 29                                            | 4.5 U                                         | 12 U                                          |
| Vinyl chloride                                                   | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Xylenes (m&p)                                                    | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |
| Xylenes (o)                                                      | 0.78 U [0.78 U]                                 | 48 U                                          | 41 U                                          | 36 U                                          | 50 U                                          | 4.2 U                                         | 4.1 U                                         | 4.3 U                                         | 4.5 U                                         | 12 U                                          |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 17. Nested Well Soil Vapor Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Sample Depth(Feet):<br>Date Collected:<br>Units: | VP-105<br>50<br>03/23/13<br>µg/m <sup>3</sup> | VP-105<br>60<br>03/23/13<br>µg/m <sup>3</sup> | VP-105<br>72<br>03/23/13<br>µg/m <sup>3</sup> | VP-107<br>5<br>03/02/13<br>µg/m <sup>3</sup> | VP-107<br>13<br>03/02/13<br>µg/m <sup>3</sup> | VP-107<br>20<br>03/02/13<br>µg/m <sup>3</sup> | VP-107<br>33.5<br>03/02/13<br>µg/m <sup>3</sup> | VP-107<br>44<br>03/02/13<br>µg/m <sup>3</sup> | VP-107<br>60<br>03/02/13<br>µg/m <sup>3</sup> |
|------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| 1,1,1-Trichloroethane                                            | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,1,2,2-Tetrachloroethane                                        | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)                | 2,800                                         | 1,000                                         | 720 [780]                                     | 10 U                                         | 530                                           | 2,100                                         | 1,800                                           | 960 [1,000]                                   | 340                                           |
| 1,1,2-Trichloroethane                                            | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,1-Dichloroethane                                               | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,1-Dichloroethene                                               | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,1-Difluoroethane (Freon 152a)                                  | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,2,4-Trichlorobenzene                                           | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,2,4-Trimethylbenzene                                           | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,2-Dibromo-3-chloropropane                                      | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,2-Dibromoethane                                                | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,2-Dichlorobenzene                                              | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,2-Dichloroethane                                               | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,2-Dichloroethene (cis) (DCE)                                   | 7,400                                         | 3,700                                         | 890 [970]                                     | 640                                          | 1,100                                         | 250                                           | 470 U                                           | 1,100 [1,100]                                 | 1,300                                         |
| 1,2-Dichloroethene (total)                                       | 7,400                                         | 3,700                                         | 890 [970]                                     | 640                                          | 1,100                                         | 250                                           | 470 U                                           | 1,100 [1,100]                                 | 1,300                                         |
| 1,2-Dichloroethene (trans)                                       | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,2-Dichloropropane                                              | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,2-Dichlorotetrafluoroethane (Freon 114)                        | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,3,5-Trimethylbenzene                                           | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,3-Butadiene                                                    | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,3-Dichlorobenzene                                              | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,3-Dichloropropene (cis)                                        | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,3-Dichloropropene (trans)                                      | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,4-Dichlorobenzene                                              | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 1,4-Dioxane                                                      | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)                   | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 2-Butanone (Methyl ethyl ketone)                                 | 5,200 U                                       | 3,700 U                                       | 2,100 U [2,100 U]                             | 100 U                                        | 550 U                                         | 1,000 U                                       | 4,700 U                                         | 5,600 U [6,400 U]                             | 1,800 U                                       |
| 3-Chloropropene (Allyl Chloride)                                 | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 4-Ethyltoluene                                                   | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| 4-Methyl-2-pentanone (MIBK)                                      | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Acetone (2-propanone)                                            | 5,200 U                                       | 3,700 U                                       | 2,100 U [2,100 U]                             | 100 U                                        | 550 U                                         | 1,000 U                                       | 4,700 U                                         | 5,600 U [6,400 U]                             | 1,800 U                                       |
| Benzene                                                          | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Bromodichloromethane                                             | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Bromoform                                                        | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Bromomethane (Methyl bromide)                                    | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Carbon disulfide                                                 | 5,200 U                                       | 3,700 U                                       | 2,100 U [2,100 U]                             | 100 U                                        | 550 U                                         | 1,000 U                                       | 4,700 U                                         | 5,600 U [6,400 U]                             | 1,800 U                                       |
| Carbon tetrachloride                                             | 100 U                                         | 73 U                                          | 42 UJ [510 J]                                 | 2.0 U                                        | 11 U                                          | 21 U                                          | 95 U                                            | 110 U [130 U]                                 | 35 U                                          |
| Chlorobenzene                                                    | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Chlorodifluoromethane (Freon 22)                                 | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 250                                           |
| Chloroethane                                                     | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Chloroform                                                       | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Chloromethane (Methyl chloride)                                  | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Chloropentafluoroethane (Freon 115)                              | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Cyclohexane                                                      | 1,000 U                                       | 730 U                                         | 420 U [420 U]                                 | 20 U                                         | 110 U                                         | 210 U                                         | 950 U                                           | 1,100 U [1,300 U]                             | 350 U                                         |
| Dibromochloromethane                                             | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Dichlorodifluoromethane (Freon 12)                               | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Ethylbenzene                                                     | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Hexachlorobutadiene                                              | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Isopropyl Alcohol (2-Propanol)                                   | 5,200 U                                       | 3,700 U                                       | 2,100 U [2,100 U]                             | 100 U                                        | 550 U                                         | 1,000 U                                       | 4,700 UJ                                        | 5,600 UJ [6,400 UJ]                           | 1,800 U                                       |
| Isopropylbenzene (Cumene)                                        | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Methyl Acetate                                                   | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Methyl Butyl Ketone (2-Hexanone)                                 | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Methyl cyclohexane                                               | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Methyl tert-Butyl Ether (MTBE)                                   | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Methylene chloride                                               | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| n-Hexane                                                         | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Styrene                                                          | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Tetrachloroethene (PCE)                                          | 3,400                                         | 3,000                                         | 2,300 [2,400]                                 | 10 U                                         | 850                                           | 1,400                                         | 1,600                                           | 2,200 [1,900]                                 | 2,500                                         |
| Toluene                                                          | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Trichloroethene (TCE)                                            | 73,000                                        | 60,000                                        | 30,000 [31,000]                               | 1,800                                        | 11,000                                        | 17,000                                        | 80,000                                          | 110,000 [110,000]                             | 29,000                                        |
| Trichlorofluoromethane (Freon 11)                                | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Vinyl chloride                                                   | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Xylenes (m&p)                                                    | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |
| Xylenes (o)                                                      | 520 U                                         | 370 U                                         | 210 U [210 U]                                 | 10 U                                         | 55 U                                          | 100 U                                         | 470 U                                           | 560 U [640 U]                                 | 180 U                                         |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

µg/m<sup>3</sup> = Micrograms per cubic meter.

**Table 17. Nested Well Soil Vapor Sampling Results**  
**Former Unisys Facility, Lake Success, New York**

| Location ID:<br>Sample Depth(Feet):<br>Date Collected:<br>Units: | VP-107<br>74<br>03/02/13<br>µg/m <sup>3</sup> | VP-NYSDEC-5<br>5<br>03/23/13<br>µg/m <sup>3</sup> | VP-NYSDEC-5<br>10<br>03/23/13<br>µg/m <sup>3</sup> | VP-NYSDEC-5<br>20<br>03/23/13<br>µg/m <sup>3</sup> | VP-NYSDEC-5<br>30<br>03/23/13<br>µg/m <sup>3</sup> | VP-NYSDEC-5<br>40<br>03/23/13<br>µg/m <sup>3</sup> | VP-NYSDEC-5<br>50<br>03/23/13<br>µg/m <sup>3</sup> |
|------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| 1,1,1-Trichloroethane                                            | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,1,2,2-Tetrachloroethane                                        | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)                | 380                                           | 0.89 U                                            | 7.7                                                | 6,300                                              | 29,000                                             | 30,000                                             | 2,000 U [2,400]                                    |
| 1,1,2-Trichloroethane                                            | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,1-Dichloroethane                                               | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,1-Dichloroethene                                               | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,1-Difluoroethane (Freon 152a)                                  | 100 U                                         | 7.1                                               | 5.4                                                | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,2,4-Trichlorobenzene                                           | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,2,4-Trimethylbenzene                                           | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,2-Dibromo-3-chloropropane                                      | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,2-Dibromoethane                                                | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,2-Dichlorobenzene                                              | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,2-Dichloroethane                                               | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,2-Dichloroethene (cis) (DCE)                                   | 1,200                                         | 0.89 U                                            | 10                                                 | 520                                                | 280                                                | 2,700                                              | 2,000 U [1,900 U]                                  |
| 1,2-Dichloroethene (total)                                       | 1,200                                         | 0.89 U                                            | 10                                                 | 520                                                | 280                                                | 2,700                                              | 2,000 U [1,900 U]                                  |
| 1,2-Dichloroethene (trans)                                       | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,2-Dichloropropane                                              | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,2-Dichlorotetrafluoroethane (Freon 114)                        | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,3,5-Trimethylbenzene                                           | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,3-Butadiene                                                    | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,3-Dichlorobenzene                                              | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,3-Dichloropropene (cis)                                        | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,3-Dichloropropene (trans)                                      | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,4-Dichlorobenzene                                              | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 1,4-Dioxane                                                      | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)                   | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 2-Butanone (Methyl ethyl ketone)                                 | 1,000 U                                       | 8.9 U                                             | 8.4 U                                              | 1,500 U                                            | 2,200 U                                            | 5,700 U                                            | 20,000 U [19,000 U]                                |
| 3-Chloropropene (Allyl Chloride)                                 | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 4-Ethyltoluene                                                   | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| 4-Methyl-2-pentanone (MIBK)                                      | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Acetone (2-propanone)                                            | 1,000 U                                       | 9.1                                               | 21 J                                               | 1,500 U                                            | 2,200 U                                            | 5,700 U                                            | 20,000 U [19,000 U]                                |
| Benzene                                                          | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Bromodichloromethane                                             | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Bromoform                                                        | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Bromomethane (Methyl bromide)                                    | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Carbon disulfide                                                 | 1,000 U                                       | 8.9 U                                             | 8.4 U                                              | 1,500 U                                            | 2,200 U                                            | 5,700 U                                            | 20,000 U [19,000 U]                                |
| Carbon tetrachloride                                             | 21 U                                          | 0.67                                              | 0.44                                               | 30 U                                               | 43 U                                               | 110 U                                              | 390 UJ [3,600 J]                                   |
| Chlorobenzene                                                    | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Chlorodifluoromethane (Freon 22)                                 | 270                                           | 1.8                                               | 1.4                                                | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Chloroethane                                                     | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Chloroform                                                       | 100 U                                         | 0.89 U                                            | 1.8                                                | 150 U                                              | 410                                                | 570 U                                              | 2,000 U [1,900 U]                                  |
| Chloromethane (Methyl chloride)                                  | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Chloropentafluoroethane (Freon 115)                              | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Cyclohexane                                                      | 210 U                                         | 7.0                                               | 1.7 U                                              | 300 U                                              | 430 U                                              | 1,100 U                                            | 3,900 U [3,700 U]                                  |
| Dibromochloromethane                                             | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Dichlorodifluoromethane (Freon 12)                               | 100 U                                         | 2.6                                               | 2.0                                                | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Ethylbenzene                                                     | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Hexachlorobutadiene                                              | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Isopropyl Alcohol (2-Propanol)                                   | 1,000 U                                       | 8.9 U                                             | 8.4 UJ                                             | 1,500 UJ                                           | 2,200 UJ                                           | 5,700 UJ                                           | 20,000 UJ [19,000 U]                               |
| Isopropylbenzene (Cumene)                                        | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Methyl Acetate                                                   | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Methyl Butyl Ketone (2-Hexanone)                                 | 100 U                                         | 0.89 U                                            | 1.0                                                | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Methyl cyclohexane                                               | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Methyl tert-Butyl Ether (MTBE)                                   | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Methylene chloride                                               | 100 U                                         | 3.1                                               | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| n-Hexane                                                         | 100 U                                         | 0.89 U                                            | 1.0                                                | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Styrene                                                          | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Tetrachloroethene (PCE)                                          | 2,100                                         | 12                                                | 28                                                 | 1,700                                              | 3,100                                              | 8,700                                              | 2,000 U [3,100]                                    |
| Toluene                                                          | 100 U                                         | 4.9                                               | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Trichloroethene (TCE)                                            | 16,000                                        | 250 D                                             | 260 D                                              | 19,000                                             | 43,000                                             | 84,000                                             | 210,000 [330,000]                                  |
| Trichlorofluoromethane (Freon 11)                                | 100 U                                         | 1.4                                               | 1.9                                                | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Vinyl chloride                                                   | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Xylenes (m&p)                                                    | 100 U                                         | 0.95                                              | 1.2                                                | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |
| Xylenes (o)                                                      | 100 U                                         | 0.89 U                                            | 0.84 U                                             | 150 U                                              | 220 U                                              | 570 U                                              | 2,000 U [1,900 U]                                  |

**Notes:**

D = Concentration is based on diluted sample analysis.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

[0.44] = Duplicate results presented in brackets.

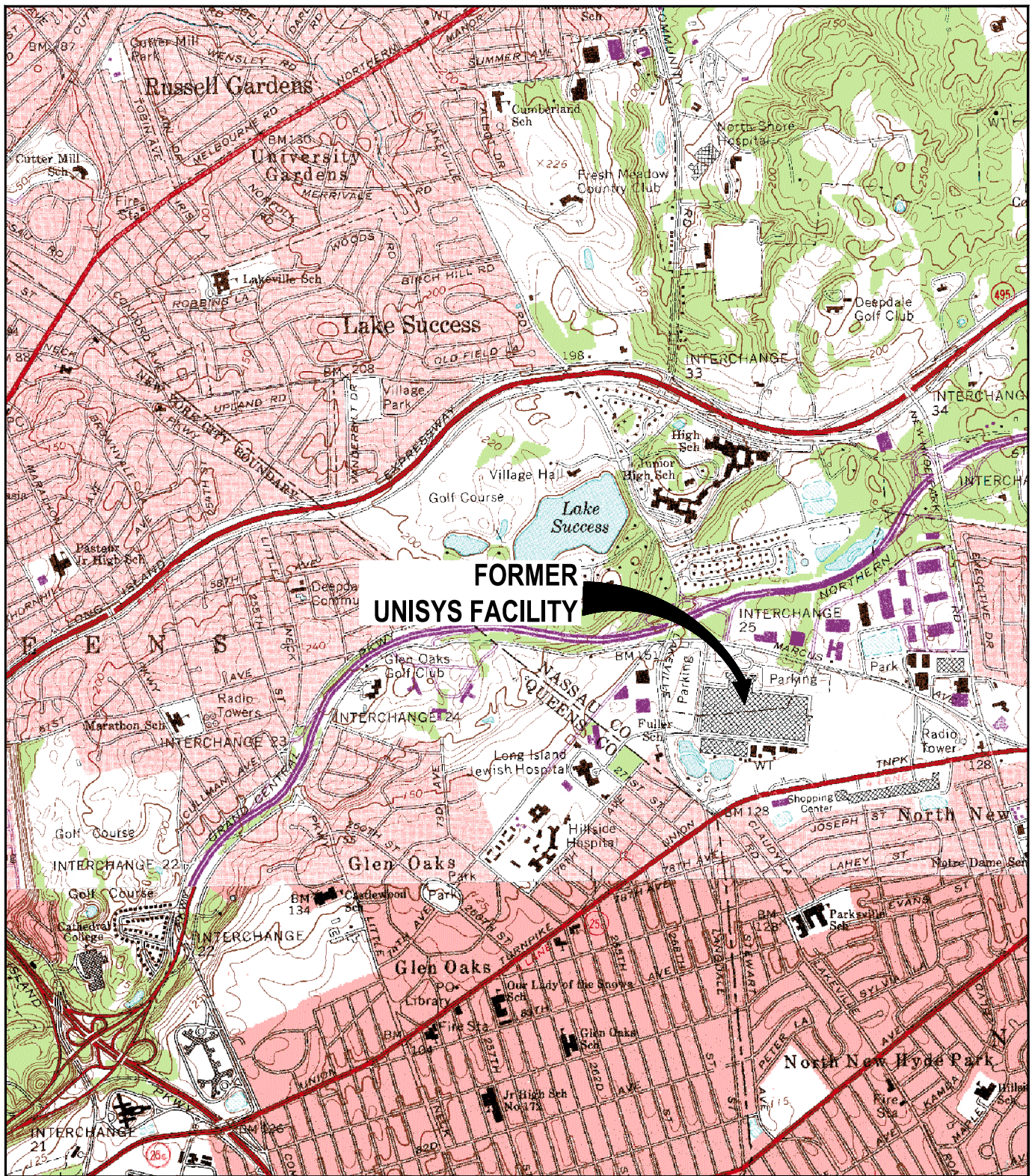
µg/m<sup>3</sup> = Micrograms per cubic meter.

CITY: MELVILLE, NY DIV: GROUP-ENV DBAS: LD: (Opt) PIC: (Opt) PM: (Reqd) TM: (Opt) LYN: (ON) ON: OFF=REF.  
G:\ENV\CAD\mville-NT\ACT\18038188\FIGURE 1.dwg LAYOUT: 11 SAVER: 5/22/2012 2:12 PM ACADVER: 18.15 (LMS TECH) PAGES: 1 OF 1 PLOT: 5/22/2012 2:21 PM BY: SANCHEZ, ADRIAN

PROJECT NAME: ---  
XREFS: LYNBROOK.TIF  
SEA CLIFF.TIF



NEW YORK



SOURCE: MAP SOURCE: USGS 7.5 MINUTE QUADRANGLE 1979 LYNBROOK AND SEA CLIFF, NEW YORK

LOCKHEED MARTIN CORPORATION  
FORMER UNISYS FACILITY  
LAKE SUCCESS, NEW YORK  
2013 VAPOR INTRUSION REPORT

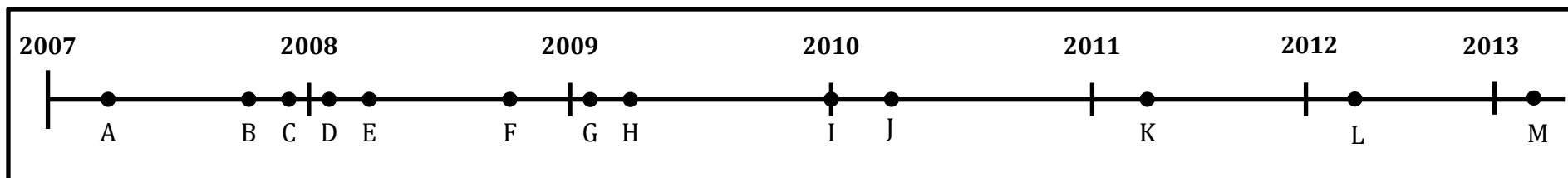
SITE LOCATION MAP



FIGURE

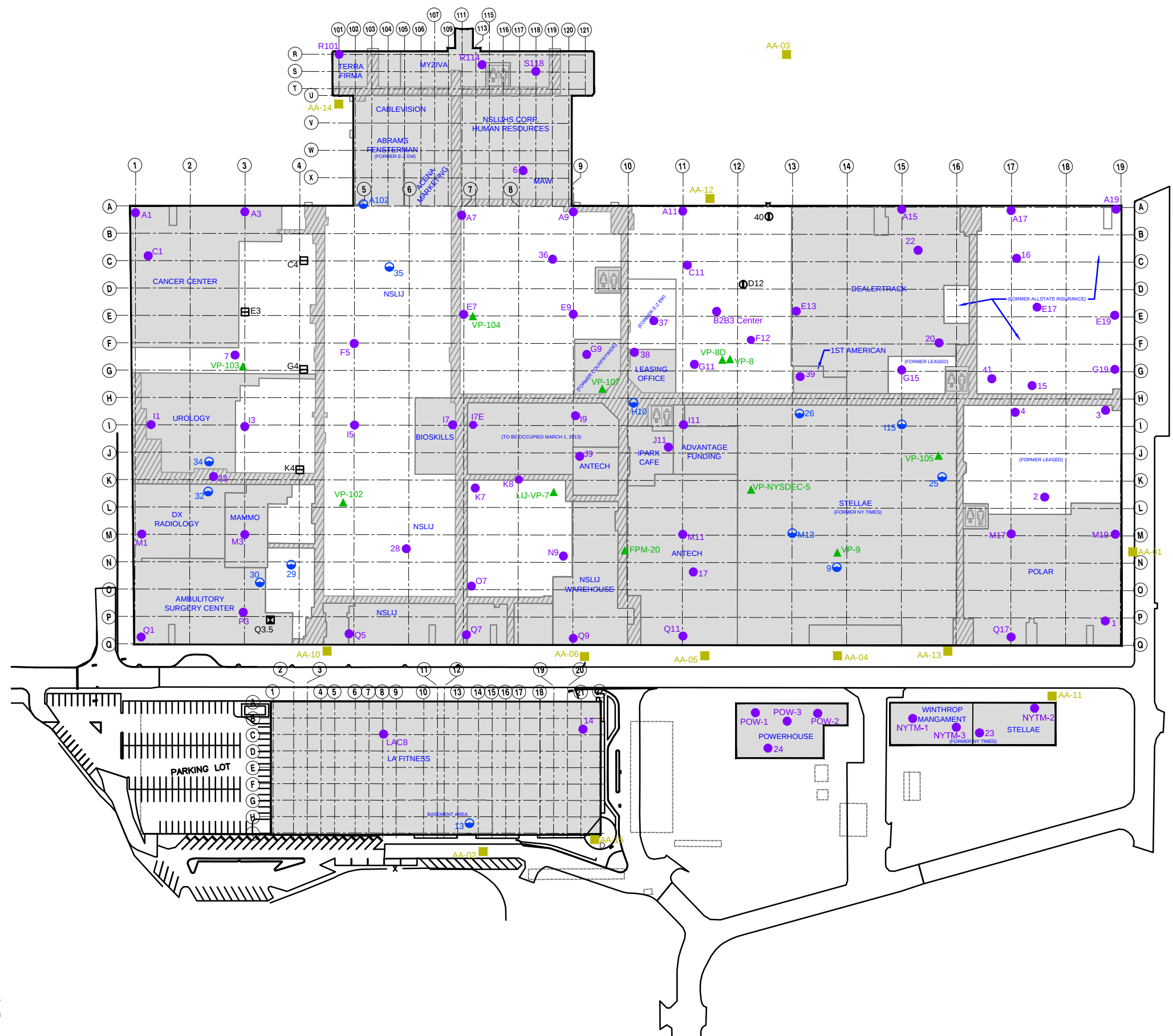
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Figure 2. Timeline of Sampling Events and Vapor Intrusion Reports.



- A. **March 2007:** 19 sub-slab soil gas samples, 27 indoor air samples, and four ambient air samples were collected (ARCADIS 2008).
- B. **October 2007:** four sub-slab soil gas samples were collected (ARCADIS 2008).
- C. **December 2007:** 25 sub-slab soil gas samples, 33 indoor air samples, and four ambient air samples were collected (ARCADIS 2008).
- D. **January 2008:** 13 indoor air samples were collected (ARCADIS 2008).
- E. **March 2008:** 42 sub-slab soil gas samples and 13 indoor air samples were collected (ARCADIS 2008).
- F. **September – November 2008:** 52 sub-slab soil gas samples and 24 indoor air samples were collected (ARCADIS 2008).
- G. **January 2009:** 46 sub-slab soil gas samples, 38 indoor air samples, six ambient air samples, and seven duplicate samples were collected (ARCADIS 2009a).
- H. **March 2009:** 22 sub-slab soil gas samples, 28 indoor air samples, six ambient air samples, and four duplicate samples were collected (ARCADIS 2009a).
- I. **December 2009 – January 2010:** 85 sub-slab soil vapor samples, 89 indoor air samples, 17 ambient air samples, and 18 duplicate samples were collected (ARCADIS 2011a).
- J. **March 2010:** 12 sub-slab soil vapor samples, 18 indoor air samples, four ambient air samples, and three duplicate samples were collected (ARCADIS 2011a).
- K. **March 2011:** 68 sub-slab soil vapor samples, 68 indoor air samples, eight ambient air samples, and 16 duplicate samples were collected (ARCADIS 2011b).
- L. **February – March 2012:** 76 sub-slab soil vapor samples, 95 indoor air samples, 13 ambient air samples, and 18 duplicate samples were collected (ARCADIS 2012).
- M. **February – March 2013:** 79 sub-slab soil vapor samples, 98 indoor air samples, 20 ambient air samples, and 19 duplicate samples were collected (current report)

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- LEGEND:
- SUB-SLAB SOIL VAPOR AND INDOOR AIR SAMPLE LOCATION
  - INDOOR AIR SAMPLE LOCATION
  - AMBIENT AIR SAMPLE LOCATION
  - PERMANENT SYSTEM MONITORING POINTS - SUB-SLAB SOIL VAPOR AND INDOOR AIR SAMPLE
  - TEMPORARY SYSTEM MONITORING POINTS - SUB-SLAB SOIL VAPOR AND INDOOR AIR SAMPLE
  - NESTED WELL SAMPLING LOCATION
  - SUB-SLAB SAMPLE LOCATION
- TENANT/SPACE NAMES PRESENTED WHERE AVAILABLE  
PAST TENANTS PRESENTED IN PARENTHESES ()  
OCCUPIED AREAS ARE SHADED GRAY  
UNOCCUPIED AREAS ARE WHITE

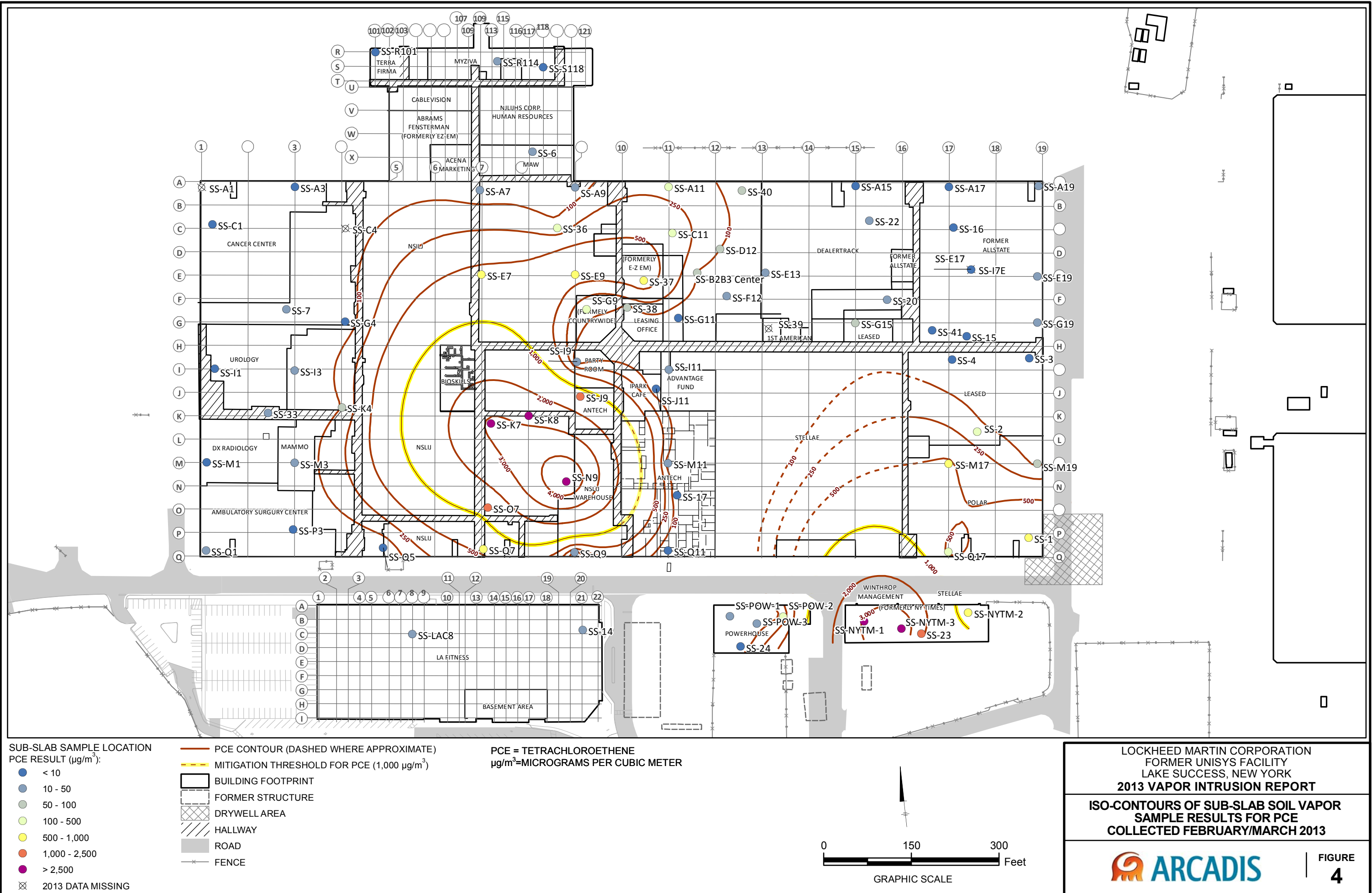
LOCKHEED MARTIN CORPORATION  
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LAKE SUCCESS, NEW YORK  
**2013 VAPOR INTRUSION REPORT**

**SITE PLAN SHOWING  
SAMPLE LOCATIONS**



FIGURE  
**3**

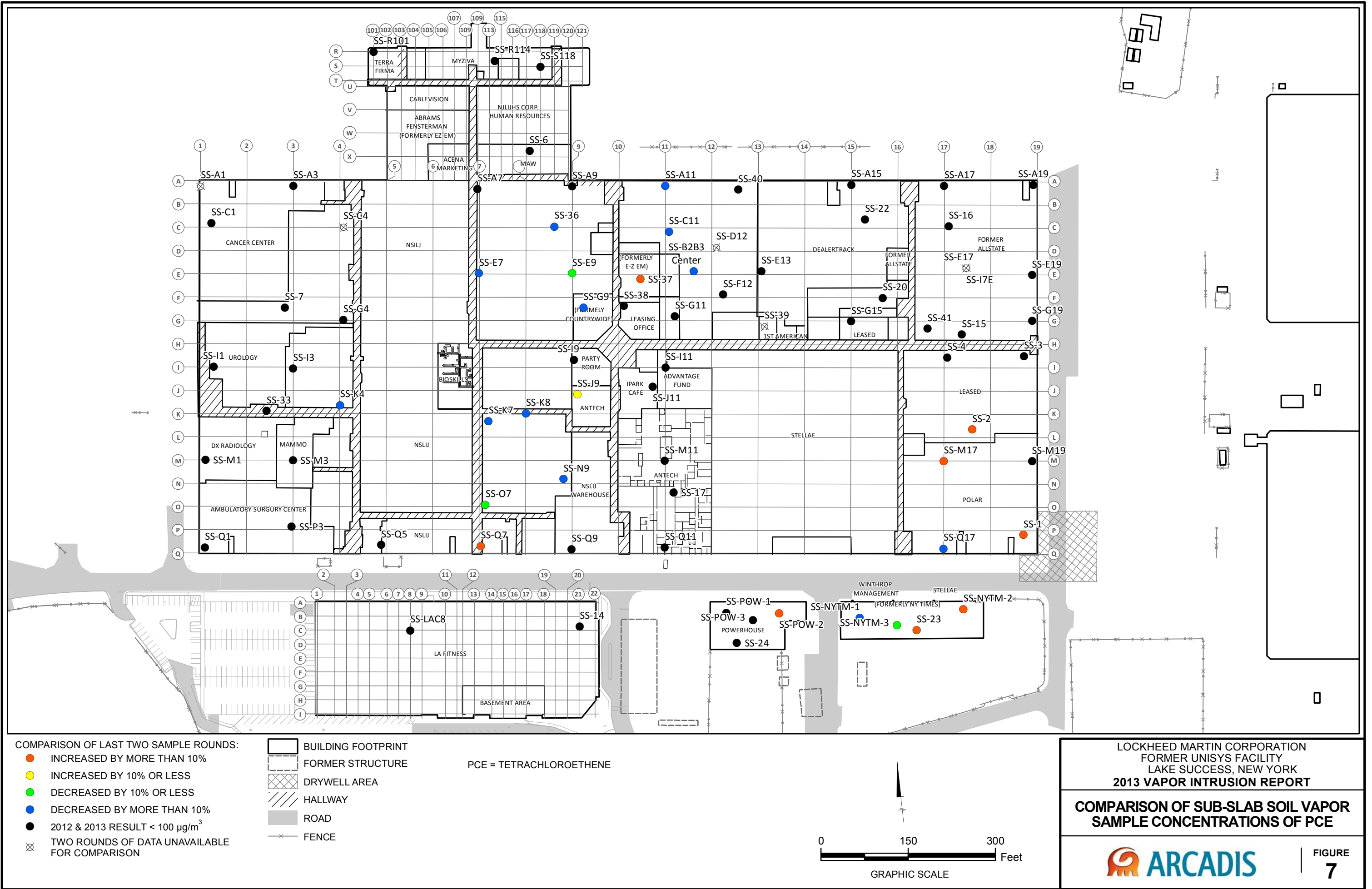
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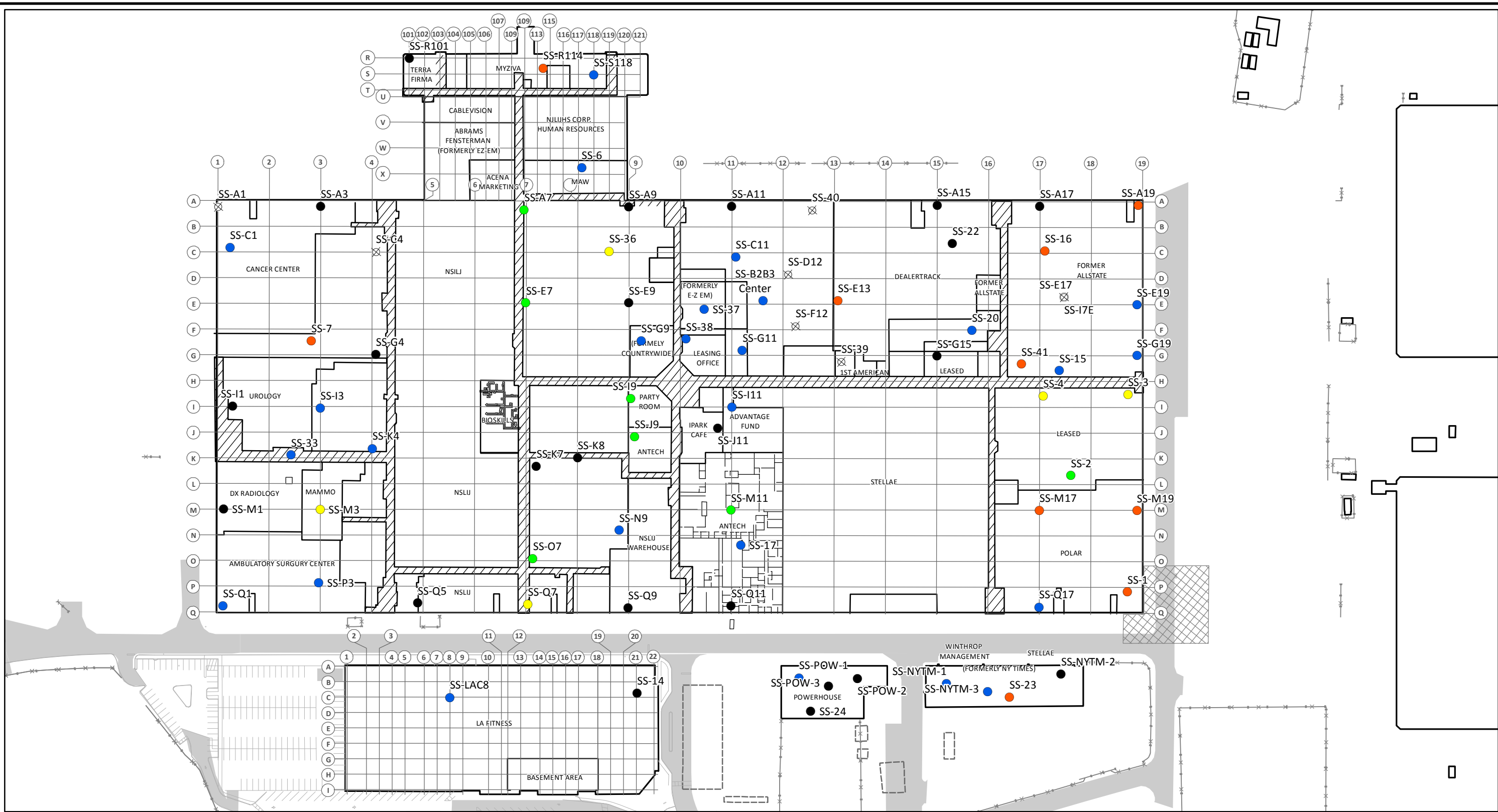




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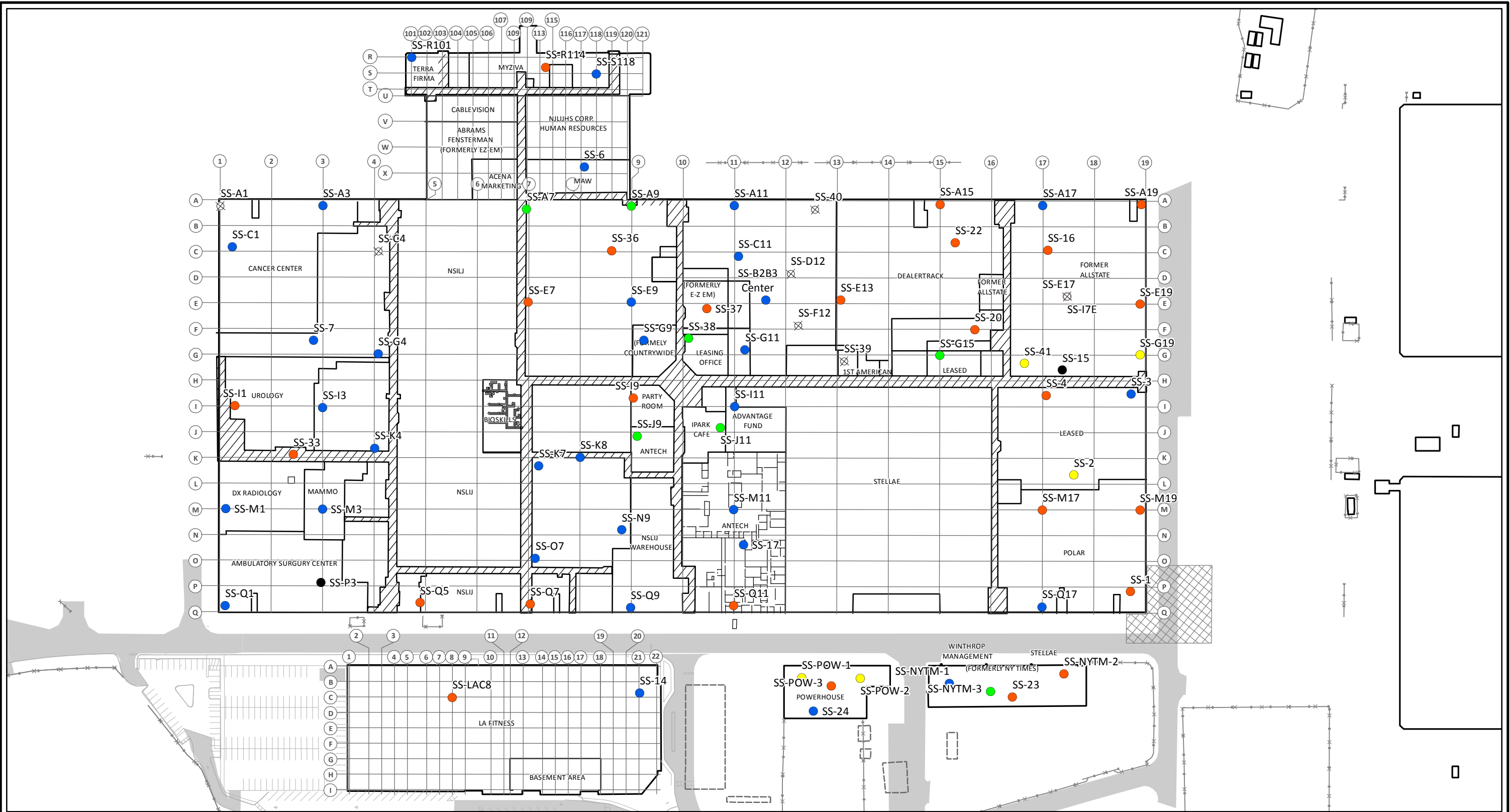
LOCKHEED MARTIN CORPORATION  
FORMER UNISYS FACILITY  
LAKE SUCCESS, NEW YORK  
2013 VAPOR INTRUSION REPORT

COMPARISON OF SUB-SLAB SOIL VAPOR  
SAMPLE CONCENTRATIONS OF TCE

ARCADIS

FIGURE 8

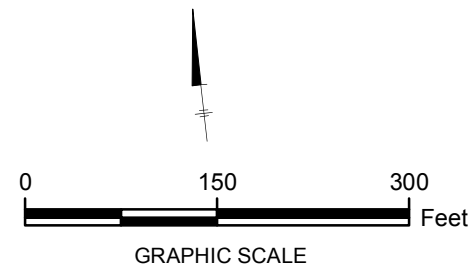
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COMPARISON OF LAST TWO SAMPLE ROUNDS:

- INCREASED BY MORE THAN 10%
- INCREASED BY 10% OR LESS
- DECREASED BY 10% OR LESS
- DECREASED BY MORE THAN 10%
- NO CHANGE
- ⊗ TWO ROUNDS OF DATA UNAVAILABLE FOR COMPARISON

□ BUILDING FOOTPRINT  
□ FORMER STRUCTURE  
▨ DRYWELL AREA  
▨ HALLWAY  
▨ ROAD  
— FENCE



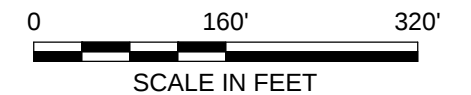
LOCKHEED MARTIN CORPORATION  
FORMER UNISYS FACILITY  
LAKE SUCCESS, NEW YORK  
**2013 VAPOR INTRUSION REPORT**

**COMPARISON OF SUB-SLAB SOIL VAPOR  
SAMPLE CONCENTRATIONS OF TOTAL VOCs**

**ARCADIS**

**FIGURE 9**





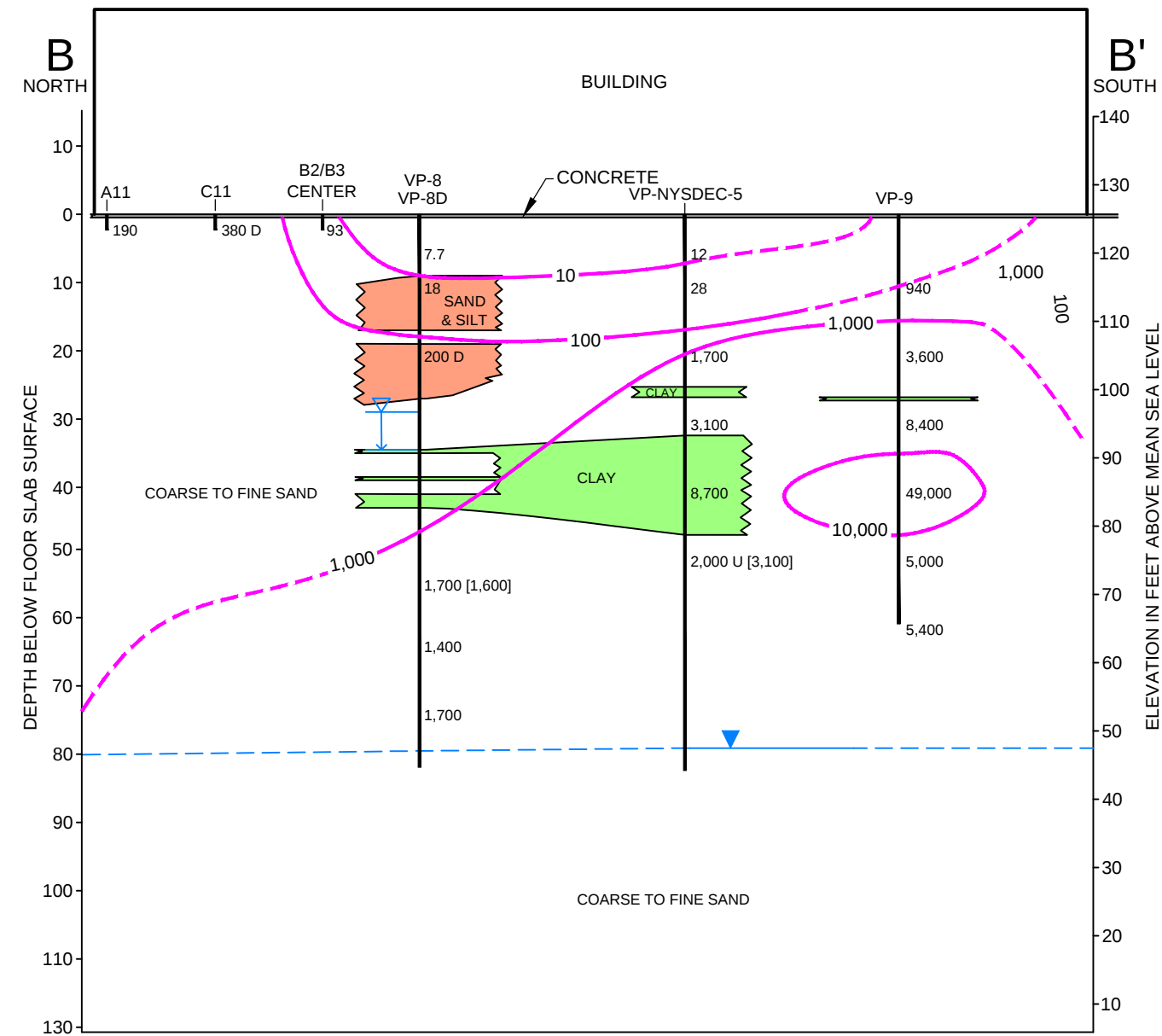
### CROSS-SECTION LOCATION MAP



FIGURE 11







LEGEND:

The diagram illustrates a well log for well VP-8D. The vertical axis represents depth in meters, with labels at 1.4 and 100. The horizontal axis represents the well ID. The log shows the PCE vapor concentration in micrograms per cubic meter (ug/m³) and the inferred PCE vapor concentration contour in micrograms per cubic meter (ug/m³). The log also indicates the thickness of observed perched water and the groundwater level.

**VP-8D** ← **WELL ID**

1.4 ← **PCE VAPOR CONCENTRATION IN MICROGRAMS PER CUBIC METER (ug/m³)**

100 ← **INFERRED PCE VAPOR CONCENTRATION CONTOUR IN MICROGRAMS PER CUBIC METER (ug/m³)**

← **BORING**

**CLAY, CLAY & SAND, SILTY CLAY**

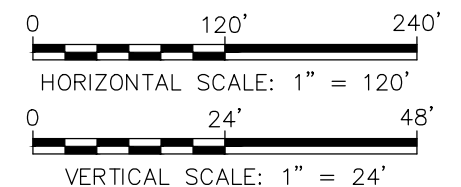
**SAND & SILT**

**THICKNESS OF OBSERVED PERCHED WATER**

**GROUNDWATER**

**NOTES:**

1. GROUNDWATER ELEVATIONS ESTIMATED FROM THE ELEVATIONS SHOWN ON THE "POTENTIOMETRIC SURFACE CONFIGURATION OF THE UPPER GLACIAL AQUIFER 2006" AS PRESENTED ON FIGURE 3-4 OF THE LOCKHEED MARTIN CORPORATION, FORMER UNISYS FACILITY, LAKE SUCCESS, NEW YORK, OPERABLE UNIT 2, REMEDIAL INVESTIGATION REPORT, JANUARY 2011.
2. THE VERTICAL DISTANCE OF THE GROUNDWATER/PERCHED WATER SAMPLE REPRESENTS VERTICAL INTERVAL OVER WHICH THE SAMPLE WAS COLLECTED.
3. SEE ASSOCIATED DATA TABLES FOR A NUMERICAL SUMMARY OF THE SOIL VAPOR RESULTS.
4. D = THE COMPOUND WAS IDENTIFIED IN AN ANALYSIS AT A SECONDARY DILUTION FACTOR.
5. DUPLICATE VALUES ARE PRESENTED IN BRACKETS.
6. PCE = TETRACHLOROETHENE.

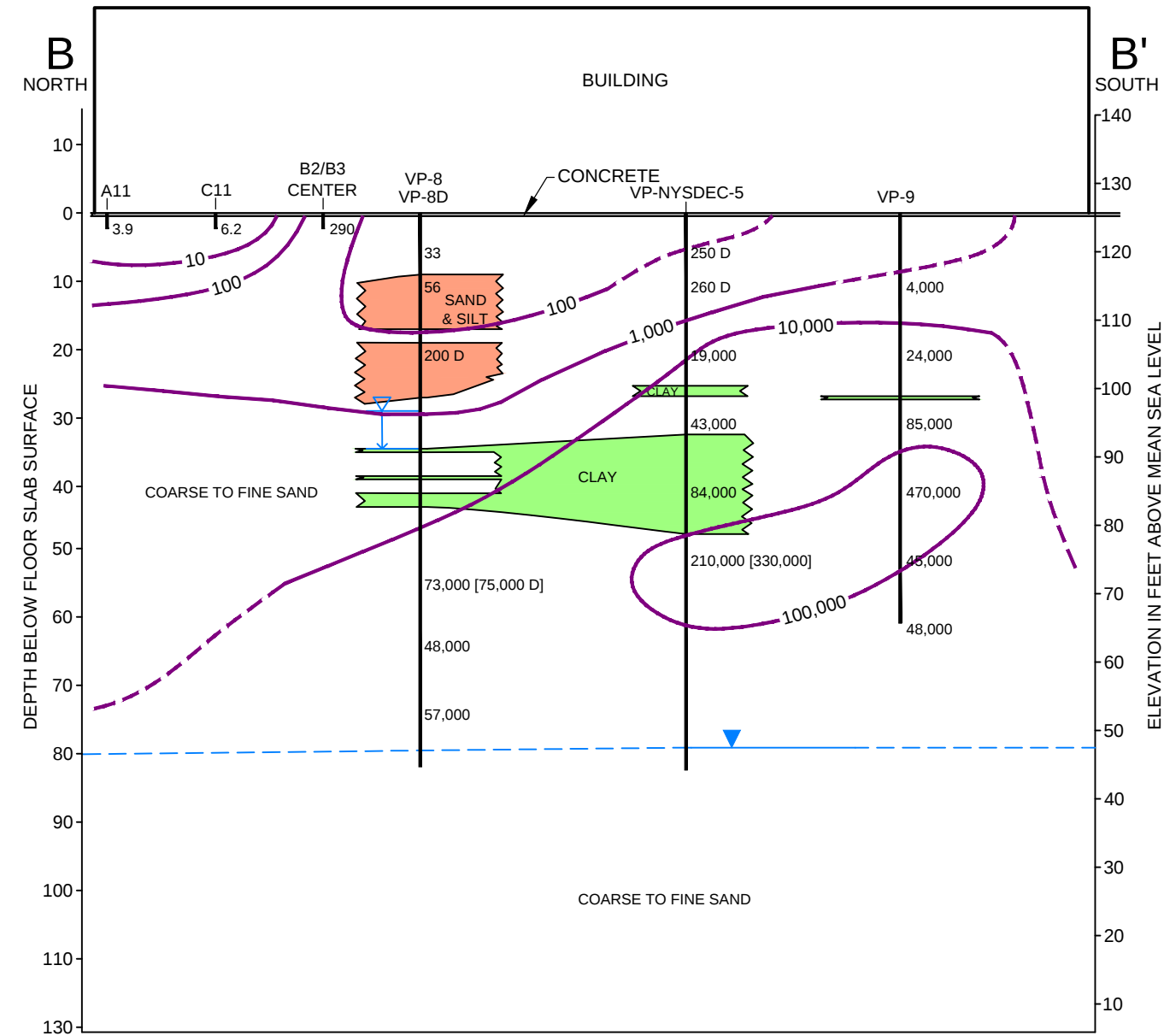


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**2013 VAPOR INTRUSION REPORT**

### CROSS-SECTION B-B' WITH PCE SOIL VAPOR CONCENTRATIONS



FIGURE 14



LEGEND:

The diagram illustrates a well log for well VP-8D. The vertical axis represents depth in feet, with markers at 6.9 and 100. The horizontal axis represents the well ID. The log shows the following data:

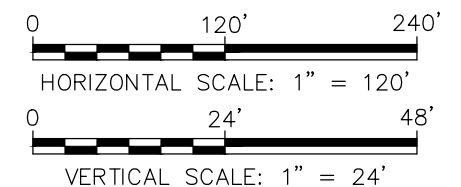
- WELL ID:** VP-8D
- 6.9:** TCE VAPOR CONCENTRATION IN MICROGRAMS PER CUBIC METER ( $\mu\text{g}/\text{m}^3$ )
- 100:** INFERRED TCE VAPOR CONCENTRATION CONTOUR IN MICROGRAMS PER CUBIC METER ( $\mu\text{g}/\text{m}^3$ )
- BORING:** Indicated by a vertical line.

Legend:

- CLAY, CLAY & SAND, SILTY CLAY:** Represented by a light green box.
- SAND & SILT:** Represented by a light orange box.
- THICKNESS OF OBSERVED PERCHED WATER:** Represented by a blue line with a downward arrow.
- GROUNDWATER:** Represented by a blue line with a downward arrow.

**NOTES:**

1. GROUNDWATER ELEVATIONS ESTIMATED FROM THE ELEVATIONS SHOWN ON THE "POTENTIOMETRIC SURFACE CONFIGURATION OF THE UPPER GLACIAL AQUIFER 2006" AS PRESENTED ON FIGURE 3-4 OF THE LOCKHEED MARTIN CORPORATION, FORMER UNISYS FACILITY, LAKE SUCCESS, NEW YORK, OPERABLE UNIT 2, REMEDIAL INVESTIGATION REPORT, JANUARY 2011.
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6. TCE = TRICHLOROETHENE.



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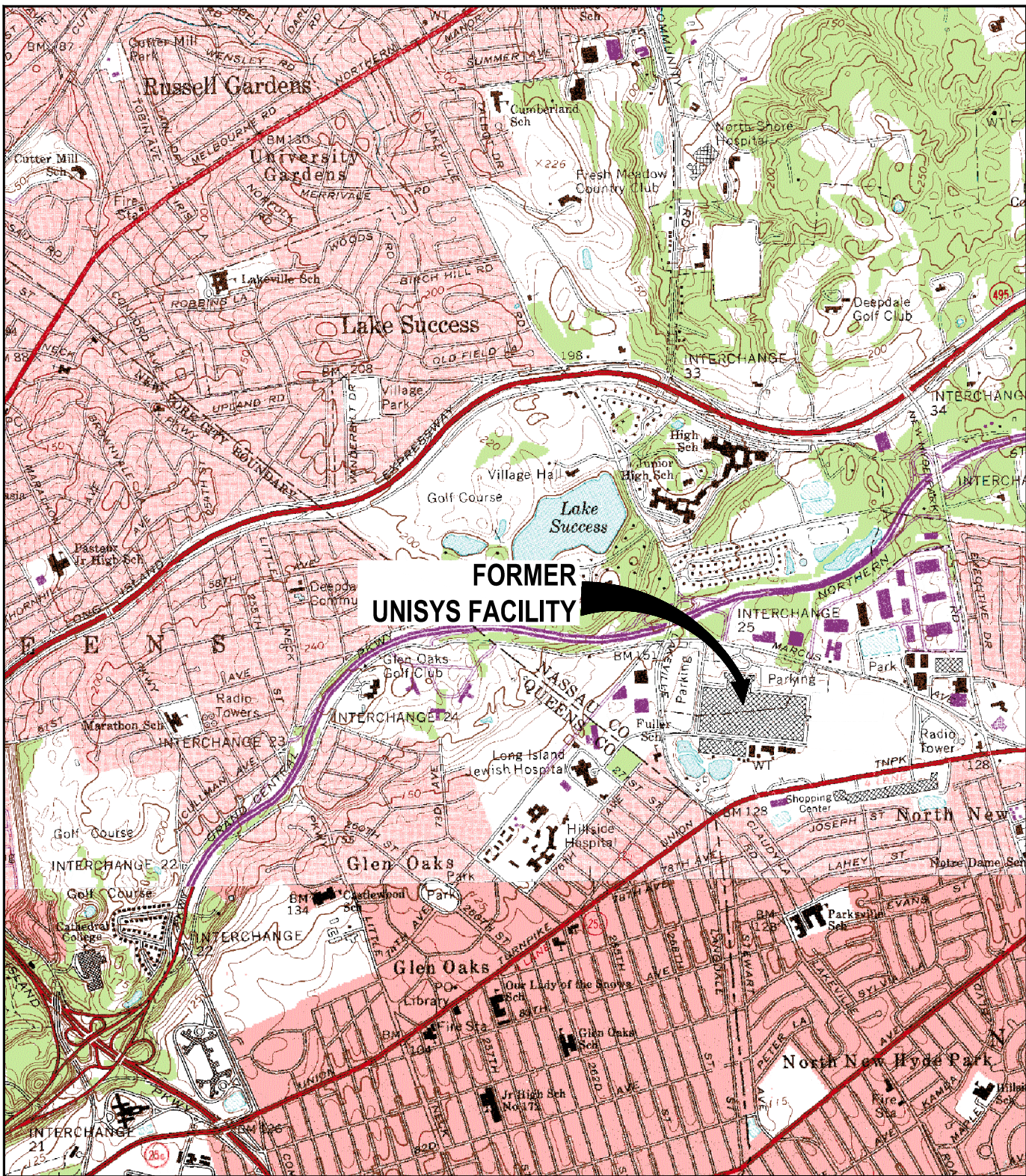
### CROSS-SECTION B-B' WITH TCE SOIL VAPOR CONCENTRATIONS



FIGURE 15

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PROJECT NAME: ---  
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SEA CLIFF.TIF



SOURCE: MAP SOURCE: USGS 7.5 MINUTE QUADRANGLE 1979 LYNBROOK AND SEA CLIFF, NEW YORK

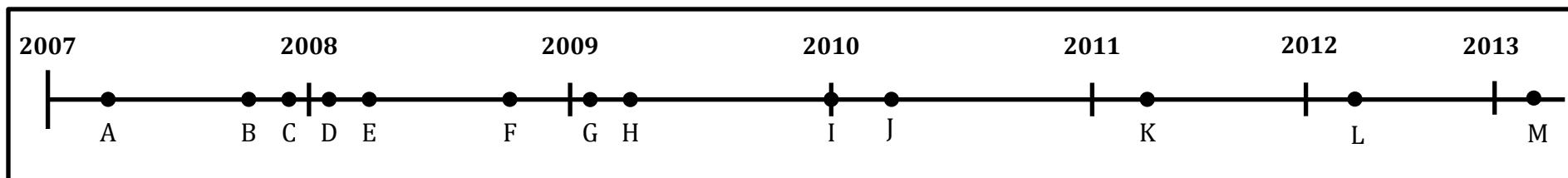
LOCKHEED MARTIN CORPORATION  
FORMER UNISYS FACILITY  
LAKE SUCCESS, NEW YORK  
2013 VAPOR INTRUSION REPORT

SITE LOCATION MAP

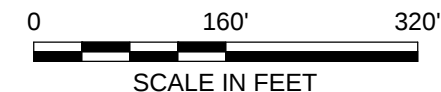


FIGURE  
1

Figure 2. Timeline of Sampling Events and Vapor Intrusion Reports.



- A. **March 2007:** 19 sub-slab soil gas samples, 27 indoor air samples, and four ambient air samples were collected (ARCADIS 2008).
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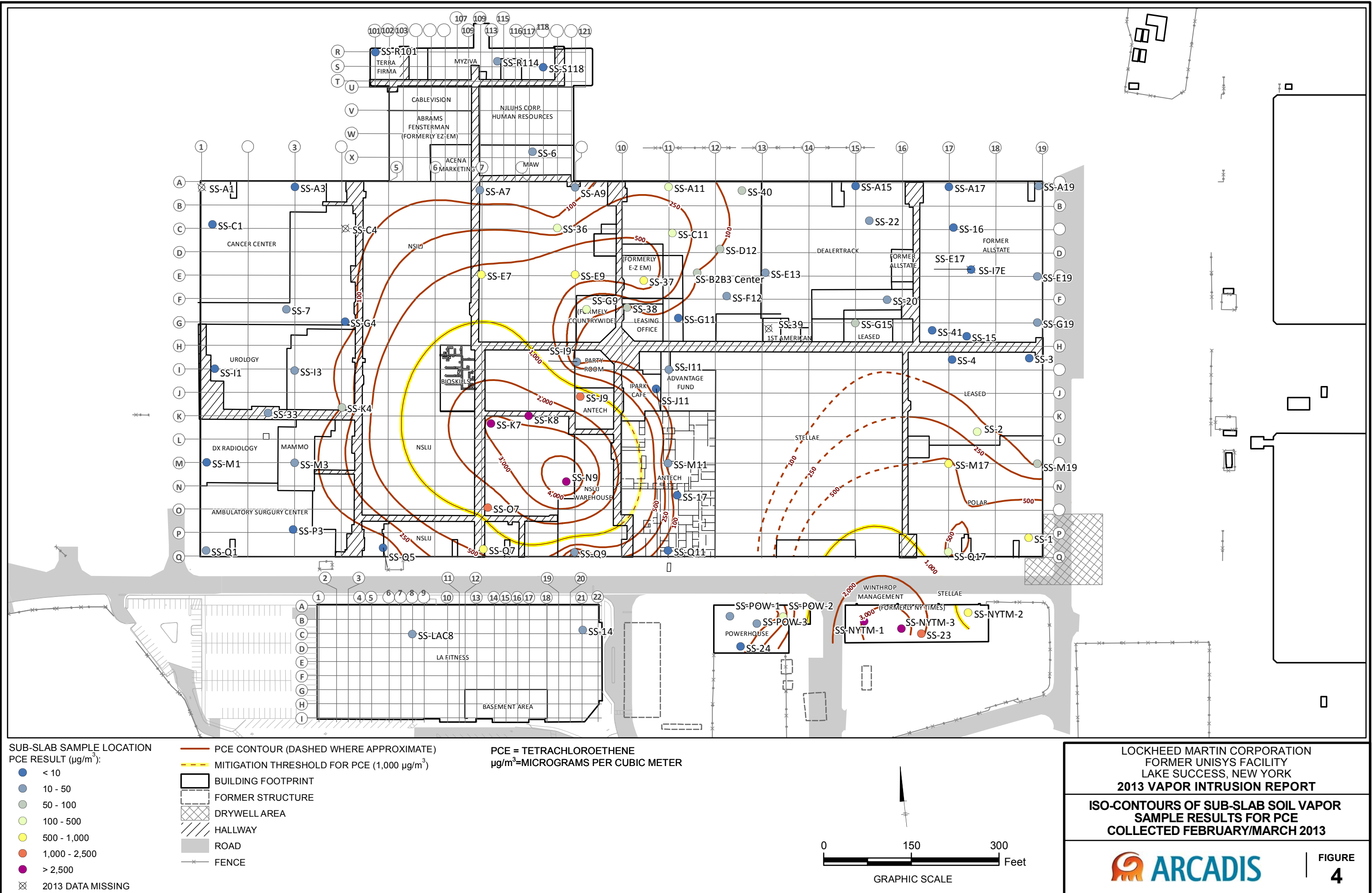


### SITE PLAN SHOWING SAMPLE LOCATIONS

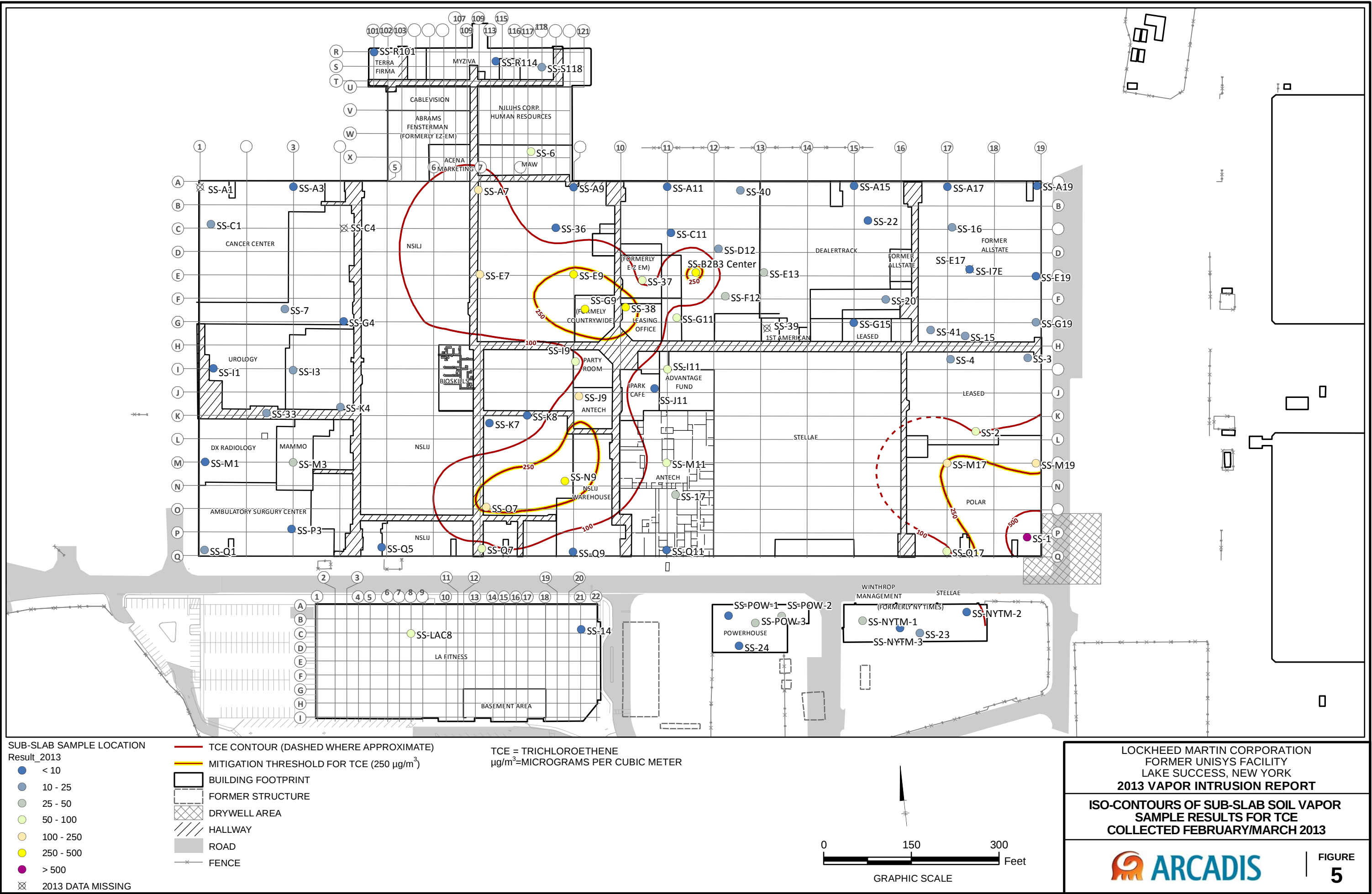


FIGURE  
3

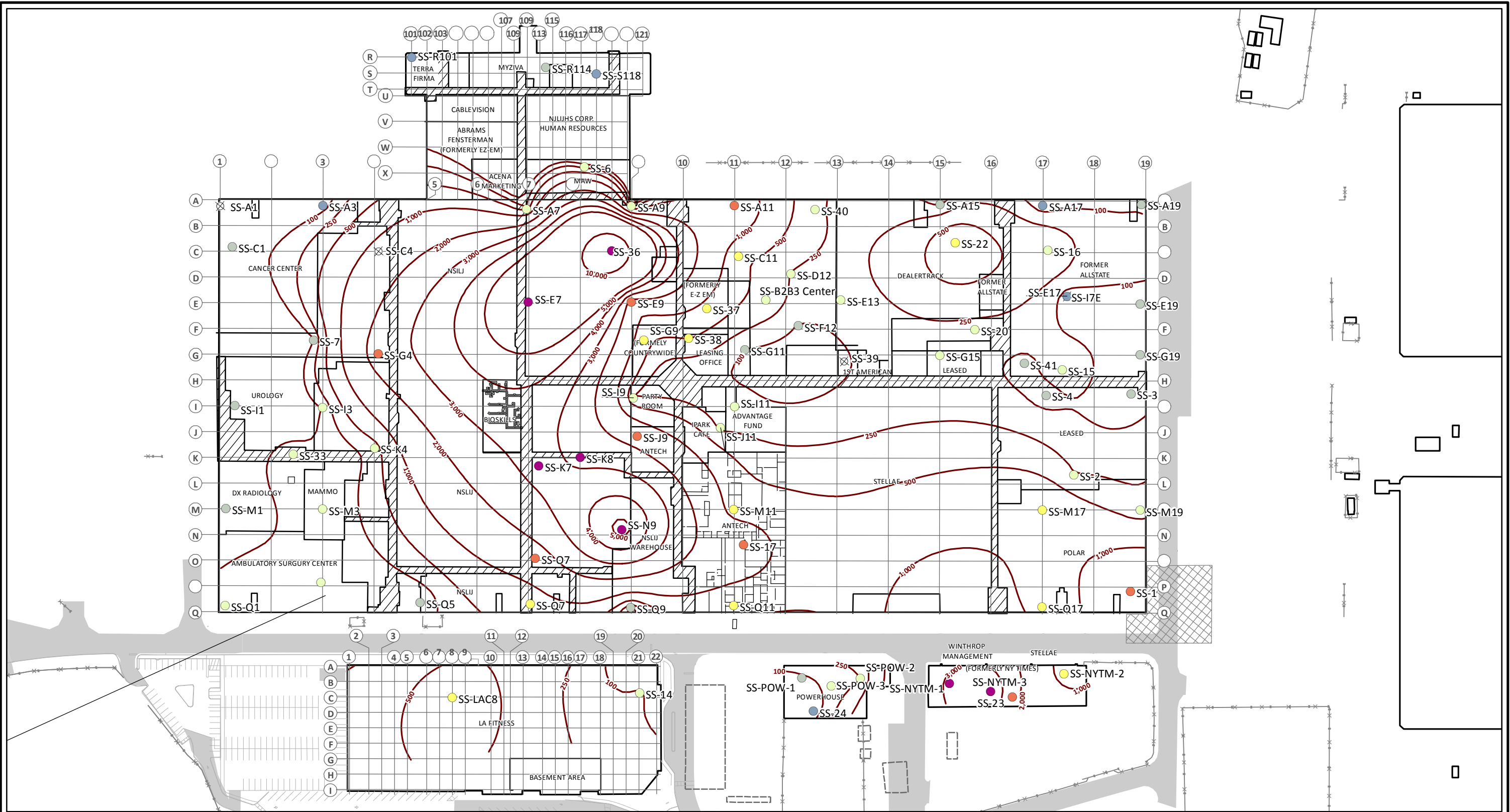
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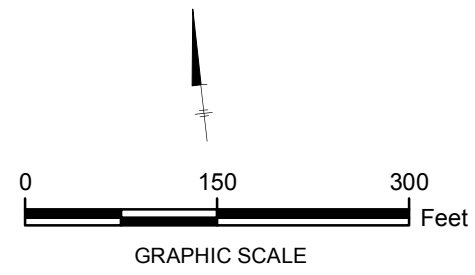


SUB-SLAB SAMPLE LOCATION  
VOC RESULT ( $\mu\text{g}/\text{m}^3$ ):

- < 10
- 10 - 50
- 50 - 100
- 100 - 500
- 500 - 1,000
- 1,000 - 2,500
- > 2,500
- ⊗ 2013 DATA MISSING

— VOC CONTOUR  
▭ BUILDING FOOTPRINT  
▭ FORMER STRUCTURE  
▨ DRYWELL AREA  
▨ HALLWAY  
▨ ROAD  
— FENCE

VOC = VOLATILE ORGANIC COMPOUND  
 $\mu\text{g}/\text{m}^3$ =MICROGRAMS PER CUBIC METER

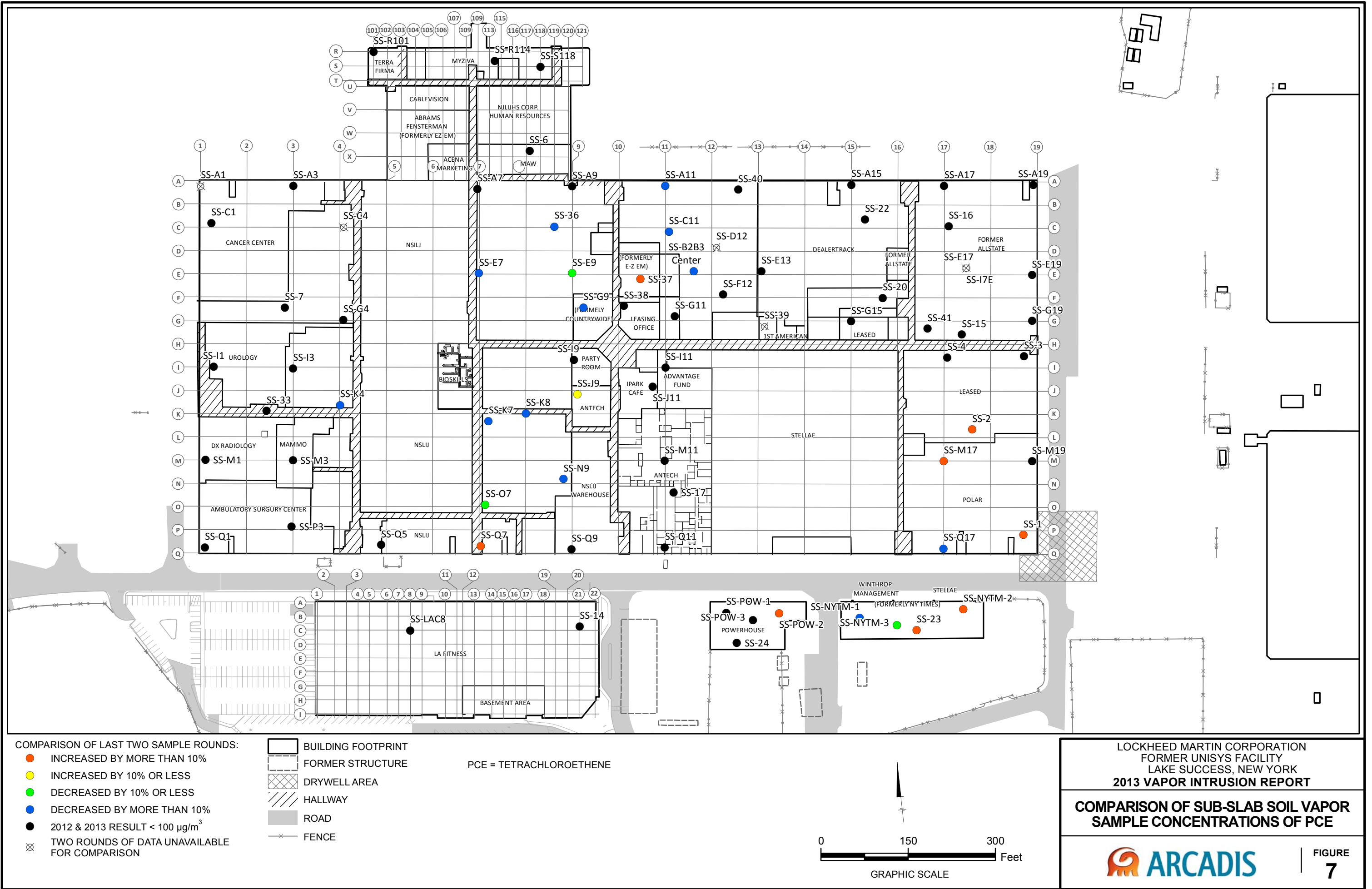


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**2013 VAPOR INTRUSION REPORT**

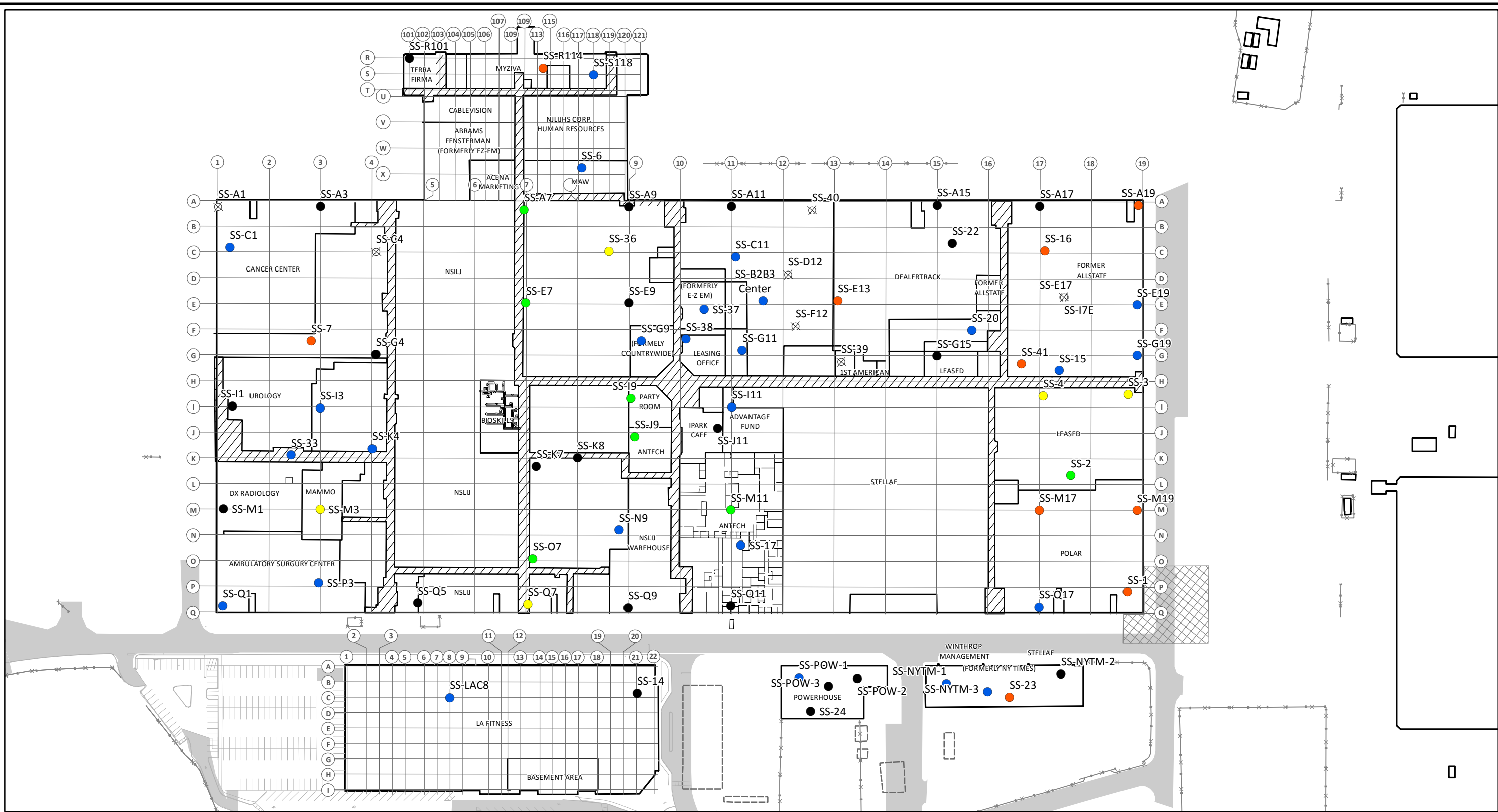
**ISO-CONTOURS OF SUB-SLAB SOIL VAPOR  
SAMPLE RESULTS FOR TOTAL VOCs  
COLLECTED FEBRUARY/MARCH 2013**

FIGURE  
**6**

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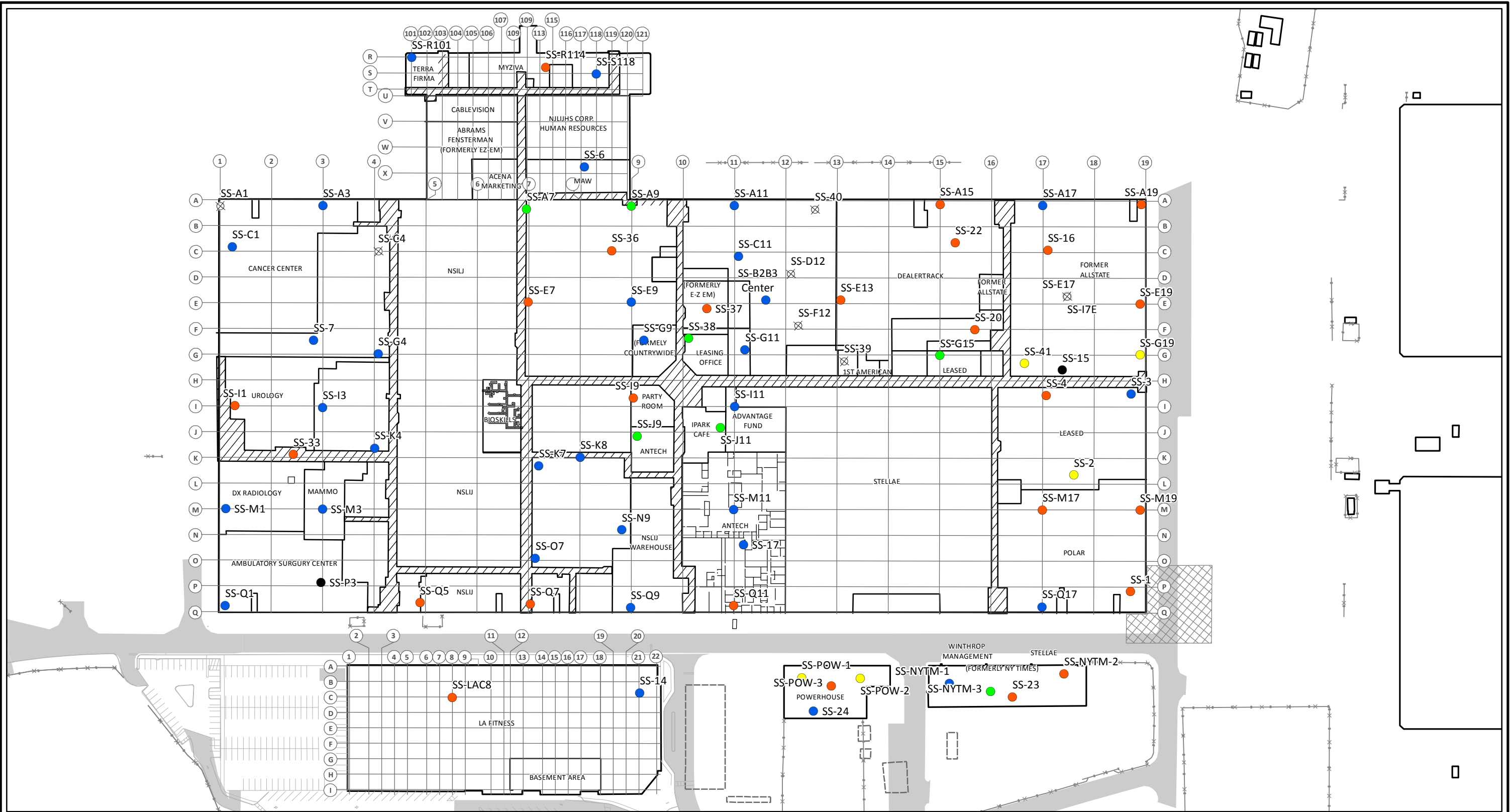
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FORMER UNISYS FACILITY  
LAKE SUCCESS, NEW YORK  
2013 VAPOR INTRUSION REPORT

COMPARISON OF SUB-SLAB SOIL VAPOR  
SAMPLE CONCENTRATIONS OF TCE

ARCADIS

FIGURE  
8

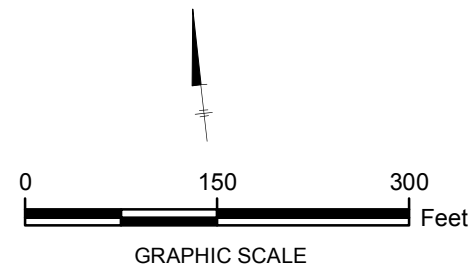
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Project # 60038627.0001.0004  
Path: C:\lockheed\martin\GreatNeck\GreatNeck\Subslab Vapor\Comparison To VOC-2013.mxd/7/9/2013 6:18:22 PM



COMPARISON OF LAST TWO SAMPLE ROUNDS:

- INCREASED BY MORE THAN 10%
- INCREASED BY 10% OR LESS
- DECREASED BY 10% OR LESS
- DECREASED BY MORE THAN 10%
- NO CHANGE
- ⊗ TWO ROUNDS OF DATA UNAVAILABLE FOR COMPARISON

□ BUILDING FOOTPRINT  
□ FORMER STRUCTURE  
▨ DRYWELL AREA  
▨ HALLWAY  
▨ ROAD  
— FENCE



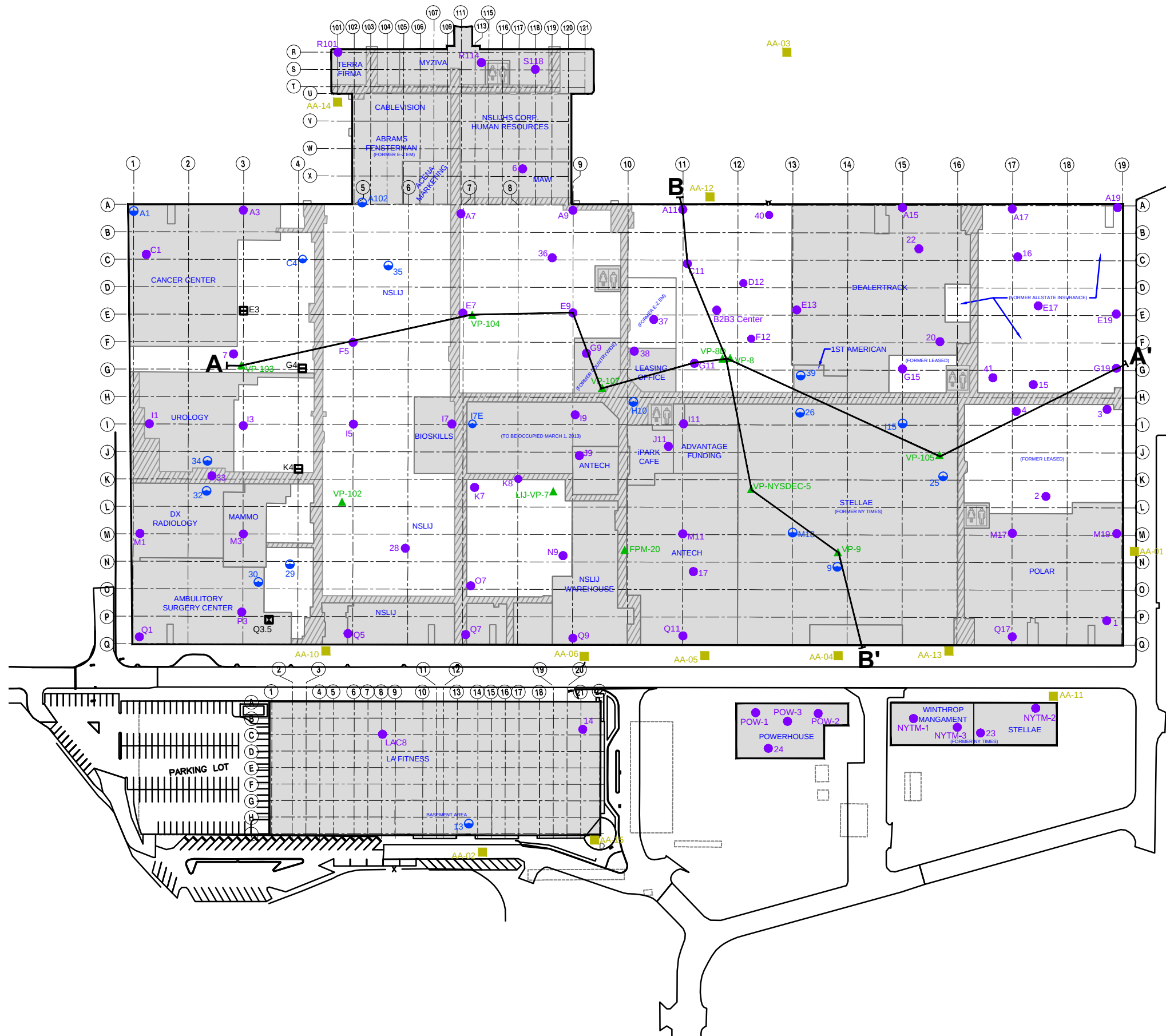
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**2013 VAPOR INTRUSION REPORT**

**COMPARISON OF SUB-SLAB SOIL VAPOR  
SAMPLE CONCENTRATIONS OF TOTAL VOCs**

FIGURE  
**9**



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XREFS: Xref\_Bldg PROJECTNAME: LOCKHEED MARTIN CORPORATION FORMER UNISYS FACILITY LAKE SUCCESS, NEW YORK 2013 VAPOR INTRUSION REPORT



- LEGEND:**
- SUB-SLAB SOIL VAPOR AND INDOOR AIR SAMPLE LOCATION
  - INDOOR AIR SAMPLE LOCATION
  - AMBIENT AIR SAMPLE LOCATION
  - PERMANENT SYSTEM MONITORING POINTS - SUB-SLAB SOIL VAPOR AND INDOOR AIR SAMPLE
  - TEMPORARY SYSTEM MONITORING POINTS - SUB-SLAB SOIL VAPOR AND INDOOR AIR SAMPLE
  - NESTED WELL SAMPLING LOCATION
- TENANT/SPACE NAMES PRESENTED WHERE AVAILABLE  
PAST TENANTS PRESENTED IN PARENTHESES ()  
OCCUPIED AREAS ARE SHADED GRAY  
UNOCCUPIED AREAS ARE WHITE

0 160' 320'  
SCALE IN FEET

LOCKHEED MARTIN CORPORATION  
FORMER UNISYS FACILITY  
LAKE SUCCESS, NEW YORK  
2013 VAPOR INTRUSION REPORT

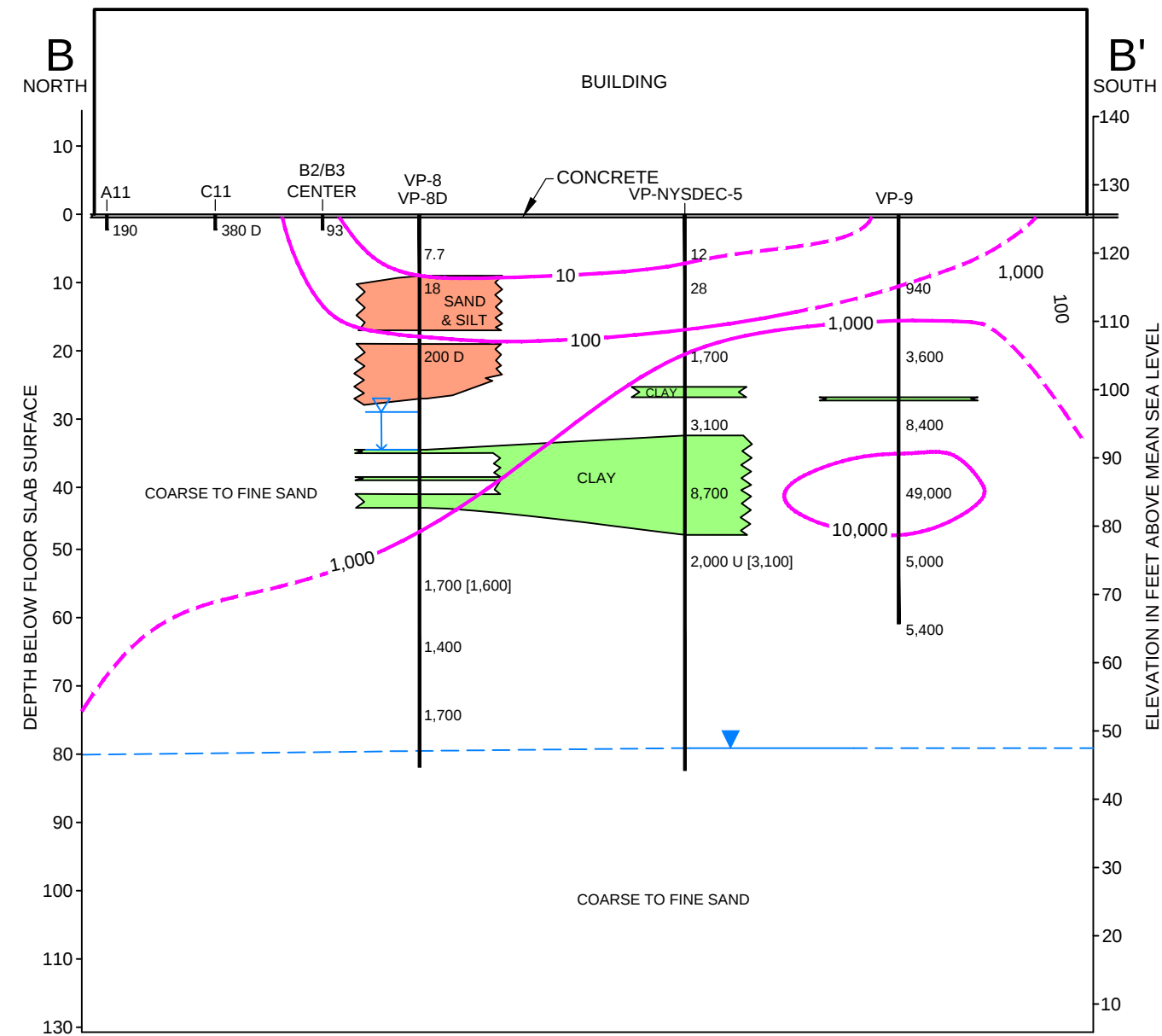
CROSS-SECTION LOCATION MAP



FIGURE  
11







LEGEND:

The diagram illustrates a well log for well VP-8D. The vertical axis represents depth in meters, with labels at 1.4 and 100. The log shows the following data:

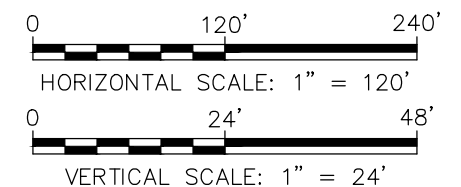
- WELL ID:** VP-8D
- PCE VAPOR CONCENTRATION IN MICROGRAMS PER CUBIC METER ( $\mu\text{g}/\text{m}^3$ ):** 1.4
- INFERRED PCE VAPOR CONCENTRATION CONTOUR IN MICROGRAMS PER CUBIC METER ( $\mu\text{g}/\text{m}^3$ ):** 100
- BORING:** Indicated by a vertical line.

Geological features and symbols are also shown:

- CLAY, CLAY & SAND, SILTY CLAY:** Represented by a green box.
- SAND & SILT:** Represented by an orange box.
- THICKNESS OF OBSERVED PERCHED WATER:** Indicated by a blue line with a downward arrow.
- GROUNDWATER:** Indicated by a blue line with a downward arrow.

**NOTES:**

1. GROUNDWATER ELEVATIONS ESTIMATED FROM THE ELEVATIONS SHOWN ON THE "POTENTIOMETRIC SURFACE CONFIGURATION OF THE UPPER GLACIAL AQUIFER 2006" AS PRESENTED ON FIGURE 3-4 OF THE LOCKHEED MARTIN CORPORATION, FORMER UNISYS FACILITY, LAKE SUCCESS, NEW YORK, OPERABLE UNIT 2, REMEDIAL INVESTIGATION REPORT, JANUARY 2011.
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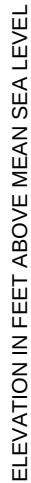


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LAKE SUCCESS, NEW YORK  
**2013 VAPOR INTRUSION REPORT**

### CROSS-SECTION B-B' WITH PCE SOIL VAPOR CONCENTRATIONS



FIGURE 14

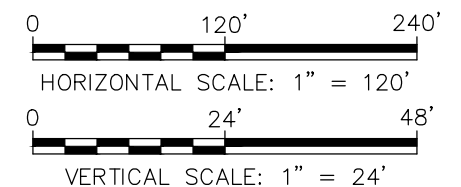


## WELL ID

INFERRED TCE VAPOR  
CONCENTRATION  
CONTOUR IN  
MICROGRAMS PER  
CUBIC METER ( $\mu\text{g}/\text{m}^3$ )

Diagram illustrating the thickness of observed perched water and groundwater levels. The diagram shows two horizontal lines representing the water table. The upper line is labeled "THICKNESS OF OBSERVED PERCHED WATER" and the lower line is labeled "GROUNDWATER". A vertical double-headed arrow indicates the thickness of the perched water layer.

1. GROUNDWATER ELEVATIONS ESTIMATED FROM THE ELEVATIONS SHOWN ON THE "POTENTIOMETRIC SURFACE CONFIGURATION OF THE UPPER GLACIAL AQUIFER 2006" AS PRESENTED ON FIGURE 3-4 OF THE LOCKHEED MARTIN CORPORATION, FORMER UNISYS FACILITY, LAKE SUCCESS, NEW YORK, OPERABLE UNIT 2, REMEDIAL INVESTIGATION REPORT, JANUARY 2011.
2. THE VERTICAL DISTANCE OF THE GROUNDWATER/PERCHED WATER SAMPLE REPRESENTS VERTICAL INTERVAL OVER WHICH THE SAMPLE WAS COLLECTED.
3. SEE ASSOCIATED DATA TABLES FOR A NUMERICAL SUMMARY OF THE SOIL VAPOR RESULTS.
4. D = THE COMPOUND WAS IDENTIFIED IN AN ANALYSIS AT A SECONDARY DILUTION FACTOR.
5. DUPLICATE VALUES ARE PRESENTED IN BRACKETS.
6. TCE = TRICHLOROETHENE.



LOCKHEED MARTIN CORPORATION  
FORMER UNISYS FACILITY  
LAKE SUCCESS, NEW YORK  
**2013 VAPOR INTRUSION REPORT**

### CROSS-SECTION B-B' WITH TCE SOIL VAPOR CONCENTRATIONS



FIGURE 15

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## **APPENDIX A**

### **MATERIAL SAFETY DATA SHEET**

Date of Preparation: January 2, 2013

Use in case of an emergency only (613) 996-6666

| SECTION I - PRODUCT AND PREPARATION INFORMATION                                                                                                                                                                                 |         |                                                                                                                                                                                                                                                                       |                                            |                                                                                               |                                                                                                                                                                                    |        | 12C1              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------|
|  <b>SCHWARTZ</b><br><small>ADVANCED CHEMISTRY SOLUTIONS</small>                                                                                |         | <b>777 McKay Road</b><br><b>Pickering, Ontario</b><br><b>L1W 3A3 (905)683-0411</b><br><br>Prepared by: Technical Committee                                                                                                                                            |                                            |                                                                                               | <b>TRADE NAME:</b> REZ-N-BOND #1<br><b>MANUFAC. CODE:</b> 12C1<br><b>PRODUCT CLASS:</b> UN1593 6.1 DICHLOROMETHANE<br><b>WHIMIS CLASS:</b> D1B, D2A, D2B ENVIRONMENTALLY HAZARDOUS |        |                   |
|                                                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                                                       |                                            |                                                                                               |                                                                                                                                                                                    |        |                   |
| SECTION II - HAZARDOUS INGREDIENTS                                                                                                                                                                                              |         |                                                                                                                                                                                                                                                                       |                                            |                                                                                               |                                                                                                                                                                                    |        |                   |
| INGREDIENT                                                                                                                                                                                                                      | CAS NO. | %                                                                                                                                                                                                                                                                     | NATURE OF HEALTH HAZARD AND ROUTE OF ENTRY | TYPE OF HAZARD                                                                                | EXPOSURE LIMIT                                                                                                                                                                     | SOURCE | OTHER HAZARDS     |
| METHYLENE CHLORIDE                                                                                                                                                                                                              | 75-09-2 | 60-100                                                                                                                                                                                                                                                                | HARMFUL IF INHALED, IRRITANT SKIN CONTACT  | CHRONIC                                                                                       | 50 PPM                                                                                                                                                                             | TLV    | IARC-2B, ACGIH-A3 |
| SECTION III - PHYSICAL DATA                                                                                                                                                                                                     |         |                                                                                                                                                                                                                                                                       |                                            |                                                                                               |                                                                                                                                                                                    |        |                   |
| <b>ODOUR AND APPEARANCE</b><br>PUNGENT<br>CLEAR LIQUID<br><b>BOILING POINT</b><br>40 °C<br><b>VOC, g/L</b><br>0                                                                                                                 |         | <b>PH VALUE</b><br><br><b>PERCENT VOLATILE BY VOLUME</b><br>100%<br><br><b>FREEZING POINT</b><br>96- °C                                                                                                                                                               |                                            | <b>EVAPORATION RATE</b><br>GREATER THAN BUTYL ACETATE<br><br><b>SPECIFIC GRAVITY</b><br>1.300 |                                                                                                                                                                                    |        |                   |
| SECTION IV - FIRE AND EXPLOSION HAZARDS                                                                                                                                                                                         |         |                                                                                                                                                                                                                                                                       |                                            |                                                                                               |                                                                                                                                                                                    |        |                   |
| <b>FLAMMABILITY CLASSIFICATION /</b><br>NON-FLAMMABLE<br><br>TAG CUP                                                                                                                                                            |         | <b>HAZARDOUS COMBUSTION PRODUCTS</b><br>NOT FLAMMABLE OR COMBUSTIBLE THERMAL DECOMPOSITION INCLUDES HYDROGEN CHLORIDE, PHOSGENE, OXIDES OF CHLORINE AND CARBON<br><b>EXTINGUISHING MEDIA</b><br>Foam, dry chemical, carbon dioxide or any class B extinguishing agent |                                            |                                                                                               |                                                                                                                                                                                    |        |                   |
| UNUSUAL FIRE AND EXPLOSION HAZARDS                                                                                                                                                                                              |         |                                                                                                                                                                                                                                                                       |                                            |                                                                                               |                                                                                                                                                                                    |        |                   |
| Vapours may spread long distances. Prevent buildup of vapours. Keep away from and do not store or use near heat, sparks or flames.                                                                                              |         |                                                                                                                                                                                                                                                                       |                                            |                                                                                               |                                                                                                                                                                                    |        |                   |
| SPECIAL FIREFIGHTING PROCEDURES                                                                                                                                                                                                 |         |                                                                                                                                                                                                                                                                       |                                            |                                                                                               |                                                                                                                                                                                    |        |                   |
| Exposure to vapours or products of combustion should be avoided. Self-contained breathing apparatus is recommended. Vapours may form an explosive mixture with air. Closed containers may rupture when exposed to extreme heat. |         |                                                                                                                                                                                                                                                                       |                                            |                                                                                               |                                                                                                                                                                                    |        |                   |

**MATEI SAFETY  
DATA SHEET**

Date of Preparation: January 2, 2013

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SECTION V - HEALTH HAZARD DATA: TOXICOLOGICAL PROPERTIES AND FIRST AID MEASURES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>12CI</b>                                                                                                                                                                                                       |
| <b>ACUTE EFFECTS OF OVEREXPOSURE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>EMERGENCY AND FIRST AID PROCEDURES</b>                                                                                                                                                                         |
| <b>INHALATION:</b> Excessive exposure to vapours or spray mists can result in headache, dizziness, incoordination and loss of consciousness. Irritation of the eyes, nose, throat and lungs can also occur when exposed to high vapour concentrations. Some reports have associated repeated and prolonged occupational overexposure to solvents with permanent nervous system damage.<br><b>EYE CONTACT:</b> This material can cause eye irritation. The effects are usually reversible.<br><b>SKIN CONTACT:</b> This material may cause defatting and irritation of skin (Dermatitis) upon prolonged or repeated contact.<br><b>INGESTION:</b> Swallowing can cause nausea, vomiting, diarrhea, and loss of consciousness. LD50 oral rat 2136 mg/kg. LC50 4 hrs mouse 22890 ppm. | <b>INHALATION:</b> Remove victim to fresh air. Restore breathing. Treat symptomatically. Consult a physician.<br><b>SPLASH (EYES):</b> Flush immediately with large amounts of water for at least 15 minutes. Take to a physician for medical treatment.<br><b>SPLASH (SKIN):</b> Wash affected areas with soap and water. Remove contaminated clothing.<br><b>INGESTION:</b> Drink 1 or 2 glasses of water to dilute. <b>DO NOT INDUCE VOMITING.</b> Consult a physician or Poison Control center immediately. Treat symptomatically. |                                                                                                                                                                                                                   |
| <b>CHRONIC EFFECTS OF OVEREXPOSURE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>IRRITANT                      SENSITIZER</b>                                                                                                                                                                   |
| Carcinogenic/liver and kidney damage.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | YES: Skin and Eye                      YES: Skin                                                                                                                                                                  |
| <b>SECTION VI - REACTIVITY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                   |
| <b>STABILITY:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>HAZARDOUS POLYMERIZATIONS:</b>                                                                                                                                                                                 |
| Stable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Will not occur                                                                                                                                                                                                    |
| <b>INCOMPATIBILITY: (Materials to avoid)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>CONDITIONS TO AVOID:</b>                                                                                                                                                                                       |
| Oxidizing compounds                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Vapour concentrations                                                                                                                                                                                             |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Ignition sources</b>                                                                                                                                                                                           |
| None known                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                   |
| <b>SECTION VII - SPILL OR LEAK PROCEDURES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                   |
| <b>STEPS TO BE TAKEN in case material is Released or Spilled</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>WASTE DISPOSAL METHOD</b>                                                                                                                                                                                      |
| Restrict access to area. Remove all sources of ignition. Ventilate area. Absorb spill with an absorbent material such as vermiculite or sand and place material into a closed container. If a large spill, dike area to prevent this material from entering water systems or sewers. Wear protective equipment during cleanup.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Dispose of this material in accordance with Federal, Provincial, and Municipal regulations.                                                                                                                       |
| <b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                   |
| <b>PERSONAL PROTECTION EQUIPMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                   |
| <b>PROTECTIVE GLOVES:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>EYE PROTECTION:</b>                                                                                                                                                                                            |
| Chemical resistant gloves made of PVA should be used. For cleanup use NIOSH approved respiratory equipment for protection against methylene chloride vapours. Gloves made of viton, nitrile, neoprene or rubber may be used for a short time.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Chemical safety goggles should be worn to prevent eye contact. A face shield may also be necessary.                                                                                                               |
| <b>RESPIRATORY PROTECTION:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>OTHER PROTECTIVE EQUIPMENT:</b>                                                                                                                                                                                |
| NIOSH approved supplied air respirator is required when vapours exceed the TLV or PEL for methylene chloride.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Eye wash fountain and safety showers must be available in areas where this material is used. Wear protective clothing to prevent skin contact.                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>ENGINEERING CONTROLS - VENTILATION:</b>                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | General (dilution) ventilation is required during normal use. Local exhaust ventilation may be required during certain operations to keep exposure level below the limit listed in Section II of this data sheet. |
| <b>SECTION IX - SPECIAL PRECAUTIONS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                   |
| <b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>OTHER PRECAUTIONS</b>                                                                                                                                                                                          |
| <b>STORAGE:</b> Keep storage area separate from populated work areas. Store in a cool, dry, well ventilated area, out of direct sunlight and away from incompatible materials and any source of ignition. Ventilation fans and electrical equipment should be non-sparking.<br><b>HANDLING:</b> Avoid prolonged or repeated inhalation of vapours or spray mist. Avoid prolonged or repeated skin contact. Ground and bond equipment and container to prevent a static charge build-up.<br><b>ATTENTION:</b> Emptied containers may retain hazardous residue and explosive vapours. Keep away from heat, sparks and flames. Do not cut, puncture or weld near this container. Follow label warning until container is thoroughly cleaned or destroyed.                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                   |