SOIL VAPOR MONITORING REPORT 2015

Former Unisys Site No. 130045
iPark Building
1111 Marcus Avenue
Lake Success, New York 11020

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LIST OF ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
CT	carbon tetrachloride
DUSR	Data Usability Reports
EPA	Environmental Protection Agency
ft bgs	feet below ground surface
GC/MS	Gas Chromatography/Mass Spectrometry
HASP	Health and Safety Plan
in. WC	inches of water column
iPark	iPark, Lake Success, LLP
Lockheed Martin	Lockheed Martin Corporation
Loral	Loral Corporation
$\mu g/m^3$	microgram 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
PCE	tetrachloroethene
QA/QC	Quality Assurance/Quality Control
SOP	Standard Operating Procedure
Sperry	Sperry Gyroscope Company
SSDS	Sub-slab Depressurization System
SV	Soil Vapor
TCE	trichloroethene
URS	URS Corporation, an AECOM company
USEPA	United States Environmental Protection Agency
VI	Vapor Intrusion
VOCs	volatile organic compounds

1.0 INTRODUCTION

On behalf of Lockheed Martin Corporation (Lockheed Martin), URS Corporation (URS) has prepared this Soil Vapor (SV) Monitoring Report for the former Unisys Facility ("the Site", Site No.130045) located at 1111 Marcus Avenue, Village of Lake Success, New York (Figure 1-1). This report presents data collected during the 2015 annual soil vapor monitoring event from nested wells located beneath and adjacent to the main building. The soil vapor data represents conditions at various depths, corresponding to the screened intervals of the nested wells. This report presents a brief summary of site background, sampling methodology, sampling results, and an evaluation of the 2015 soil vapor data.

The main purpose of nested well sampling was to: (1) evaluate changes in volatile organic compounds (VOCs) concentrations in soil vapor at depths; and (2) assess the levels of SV contamination that may continue to exist under the main building and outside of the main building. A revised Soil Vapor Monitoring Work Plan (URS, 2015a) including only nested well sampling was submitted to the New York State Department of Environmental Conservation (NYSDEC) and New York State of Department Of Health (NYSDOH) on January 23, 2015. The work plan was approved by NYSDEC and NYSDOH on January 30, 2015.

2.0 SITE HISTORY AND BACKGROUND

2.1 SITE HISTORY

The Site was an active manufacturing facility from its startup in 1941 until approximately 1995, when most manufacturing activities ceased. However, some limited assembly, integration, prototype development and testing, and/or engineering and administrative activities were still being conducted at the Site through early 1999. The former Unisys Facility was originally designed and built by the United States government and was operated under a contract with the 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 the assets of Unisys Defense Systems, a division of Unisys Corporation. In early 1996, Loral's electronics and systems integration businesses 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 Former Unisys Facility occupies 94 acres that includes the main (iPark) building and three smaller buildings (LA Fitness, Power House, and the garage), located south of the main building. The main building and the LA Fitness building house several tenants that use the lease space for office areas, a small cafeteria, an outpatient hospital, distribution centers, maintenance spaces, and a fitness center. The Power House continues to serve as the power distribution center while the garage has been converted into the active Sub-Slab Depressurization System (SSDS) process building. The remaining portions of the property consist of paved areas (parking lots), transformer stations, and three storm water retention basins. A general layout of the Site, including major tenants occupying the first floor of the main building as of June 2015 is shown on Figure 2-1.

In the past, the facility was used to manufacture a wide range of defense-related products including navigational systems for United States Navy nuclear submarines (Trident Program), navigational SONAR equipment, RADAR tracking systems (North Warning System), and weather RADAR systems (NEXRAD). Past manufacturing processes included the following: metal casting, chemical etching, degreasing, plating, painting, metal finishing, machining, electronic circuit board manufacture, and assembly. Chemicals used during manufacturing at the

plant included halogenated and non-halogenated hydrocarbon solvents, cutting oils, paints, fuel oils, acids, caustics, and inorganic plating compounds. On May 1, 1991 NYSDEC designated the former Unisys Facility as a Class 2 site (No. 130045) in the registry of Inactive Hazardous Waste Disposal Sites in New York State.

2.2 SITE BACKGROUND

In response to NYSDOH final Vapor Intrusion (VI) Guidance (NYSDOH, 2006), Lockheed Martin conducted an initial indoor air and sub-slab vapor investigation in 2007 (ARCADIS, 2008). In March 2008, a temporary Sub-slab Depressurization System (SSDS) known as eastern SSDS was installed as an interim measure in the former Allstate space located in the northeast corner of the main building to address trichloroethene (TCE) concentrations above the NYSDOH indoor air guideline levels and elevated levels of VOCs in the sub-slab vapor. In November 2008, another temporary SSDS (i.e. central SSDS) was installed in the south-central portion of the main building (current Antech space) to address carbon tetrachloride (CT) concentrations above NYSDOH indoor air guideline levels and elevated VOCs levels in the sub-slab vapor. Subsequent to these temporary SSDS installations, sub-slab vapor and indoor air sampling events conducted between 2009 and 2013 demonstrated that VOCs concentrations in indoor air were reduced to below the NYSDOH indoor guideline levels, and CT, tetrachloroethene (PCE), and TCE concentrations in sub-slab vapor were either decreasing or remained constant.

To eliminate potential preferential pathways for VOCs present in sub-slab soil vapor to migrate into indoor air across the entire main building and the garage, Lockheed Martin prepared a Vapor Mitigation Conceptual Design (ARCADIS, 2010) to construct a site-wide SSDS in October 2010. Subsequent to NYSDEC approval of Vapor Mitigation Conceptual Design, the site-wide SSDS was constructed between 2011 and June 2013. The central and eastern SSDS(s) were connected to the site-wide SSDS during construction, and the site-wide SSDS has been in continuous operation since September 2013. The design goal of the SSDS is to maintain a minimum of -0.004 inches of water column (in. WC) differential pressure between the sub-slab and the indoor air. The step tests conducted on selected SSDS extraction points and the 2014 annual nested well sampling results indicated that the SSDS extraction wells influence up to depths of approximately 25 feet below ground surface (ft bgs) (CDM Smith, April 2014).

3.0 SOIL VAPOR SAMPLING METHODOLOGY

All field activities conducted during the 2015 soil vapor sampling event were completed in accordance with the approved revised Soil Vapor Monitoring Work Plan (URS, 2015a) and the URS site specific Health and Safety Plan (HASP) (URS, 2014). Between February 11 and March 31, 2015, a total of 108 soil vapor samples were collected from 19 nested wells located inside and outside of the main building, in accordance with the standard operating procedure (SOP) included in the 2015 Soil Vapor Monitoring Work Plan (URS, 2015a). The nested well sample locations are identified in Table 3-1 and on Figure 3-1. Each nested well contains two to eight distinct depth intervals and each collection point consists of a 1-inch diameter and 6-inch long vapor screens within a sand pack connected through Teflon tubing to the surface and separated by bentonite seal in open auger holes. Eleven field duplicate samples were collected at a 10 percent frequency using a "T" connection. Helium leak test was conducted at 5 percent of total sample locations. All samples were collected over a 4-hour time period. Sample collection times were contingent on access from individual tenants for nested wells located inside the main building. Per the tenant request, nested well samples within North Shore Long Island Jewish Health System (NSLIJ) spaces were collected over the weekend.

The samples were collected in 6-liter, batch-certified stainless-steel Summa canisters with 4-hour flow controllers, inline particulate filters and vacuum gauges. The samples were shipped with completed chain of custody forms to ALS Environmental Laboratories, Simi Valley, CA. The samples were analyzed for VOCs by modified EPA Method TO-15 on a standard turn-around-time basis. Sample results are discussed in Section 4.

4.0 SOIL VAPOR RESULTS

Soil vapor sample results are presented in Table 4-1. All of the laboratory data generated during soil vapor sampling event were reviewed and validated by URS in accordance with the NYSDEC guidance for Data Usability Reports (DUSR) and United States Environmental Protection Agency (USEPA) guidelines. Holding times, blank contamination, Gas Chromatography/Mass Spectrometry (GC/MS) performance check (Tuning) summaries, internal standard area performance, initial and continuing calibration results, matrix duplicate/laboratory control samples and target compound identification, and quantitation were reviewed during this process. The quality assurance/quality control (QA/QC) review did not result in the rejection or alteration of any sampling results, although some data are qualified as "estimated" and data qualifiers were added to the data when necessary. Overall, the data were found to be acceptable for evaluating indoor air quality when used with the appropriate qualifiers. The complete set of analytical results and data validation forms are included in Appendix A.

The soil vapor data indicate that PCE and TCE were detected in 96 and 97 samples, respectively out of 108 soil vapor samples collected during 2015. PCE concentrations range from non-detect to 64,000 microgram per cubic meter ($\mu g/m^3$), while TCE concentrations range from non-detect to 390,000 $\mu g/m^3$. The sampling results for PCE and TCE are presented on Figure 4-1. The figure includes annual soil vapor PCE and TCE concentrations measured since 2011 for comparison to the 2015 data. The 2014 and 2015 results represent soil vapor concentrations measured after the site-wide SSDS operation began in September 2013 with the SSDS operating at the time of sampling.

Nested wells VP-5, VP-6 and VP-101 (outside of the main the main building and away from the presumed source near the southeast corner of the main building) have yielded only trace quantities of PCE and TCE between 2011 and 2015 sampling events. Thus, it is probably not necessary to continue monitoring the soil vapor from these nested wells.

Within the main building, the soil vapor concentrations continue to show the decreasing trend of PCE and TCE in majority of nested well locations. The reported PCE and TCE concentrations are significantly lower since the startup of the SSDS (2014 and 2015) compared to the pre-SSDS

(2011 to 2013) levels, as a result of the continuous operation of site-wide SSDS. This decreasing trend is more dramatic at shallow sampling depths (generally less than approximately 25 ft bgs) in nested wells located inside the main building except VP-107, confirming that SSDS is effective in removing VOCs from under the slab to a depth of approximately 20 to 25 feet and preventing sub-slab vapors from entering the building interior.

Both PCE and TCE are detected only at trace quantities in samples collected from shallow depths (< 25 feet) in nested wells VP-102 and VP-103 in the western part of the main building. Soil vapor found at depths greater than 25 feet at these locations, even if they migrate towards the sub-slab levels are below the mitigation thresholds for TCE and PCE, respectively. Since the SSDS is not as effective at depths greater than 25 feet, it will be useful to shut down the SSDS extraction points that exist west of building column line 6 to allow for the vapors to migrate upward before bringing the SSDS back online.

Figure 4-2 presents the 2015 PCE and TCE soil vapor concentrations in nested well samples as contours on cross sections across the main building. PCE and TCE soil vapor data are presented as isoconcentration contours in Figures 4-3 through 4-6. Consistent with previous sampling events, PCE and TCE concentrations are elevated near the center of the building, and TCE concentrations are higher than PCE. Therefore, the SSDS should continue to operate in the eastern two-thirds of the main building in order to prevent potential indoor air vapor intrusion and to reduce PCE and TCE in the subsurface. The highest PCE and TCE concentrations are present within the deeper vadose zone, typically around the 30 to 50 ft bgs interval, suggesting that VOC mass remains in the low permeability soils at this depth, and the low permeability layer below the perched water layer (ARCADIS, 2011) is limiting the continuous migration of vapors to the upper vadose zone.

5.0 RECOMMENDATIONS

PCE and TCE continue to be detected at elevated concentrations near the center of the main building, therefore annual soil vapor monitoring should continue to assess the distribution of VOCs in both shallow and deeper vadose zone.

PCE and TCE soil vapor concentrations in nested wells VP-102 and VP-103 have remained low in all samples from shallow and deeper depths in pre- and post-SSDS sampling events. Considering these low VOCs concentrations, the SSDS extraction points in vicinity of these wells (i.e. the western part of the main building west of column line 6) should be turned off for a temporary period during the 2016 annual sampling event. During and after the temporary shut off period, soil vapor samples should be collected from nested wells VP-102 and VP-103 to assess rebound in soil vapor concentrations.

As a minimum annual soil vapor monitoring from nested wells VP-5 and VP-6 should be discontinued due to their remoteness compared to other nested wells around the main building and the consistently low soil vapor concentrations reported in samples from these locations.

In order to address the elevated PCE and TCE below the depths to which SSDS is not effective (say in the 30-50 foot depth below the perched water layer), a feasibility study should be completed to evaluate alternatives such as deep vapor extraction and treatment which might be beneficial to remove additional contaminant mass and reduce long-term operation of the SSDS.

6.0 REFERENCES

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TABLES

TABLE 3-1

Summary of Nested Well Soil Vapor Samples

Table 3-1 Summary of Nested Well Soil Vapor Samples
Former Unisys Facility, Lake Success, New York

Location[1]	Date	Nested Well	Soil Vapor Sample ID	Duplicate Sample ID
Corridor by Antech	3/4/2015	FPM-20	FPM-20-5	-
			FPM-20-9.4	
Dealertrack	2/11/2015	VP-107	VP-107-5	-
	3/7/2015		VP-107-13	
			VP-107-20	
			VP-107-33.5	
			VP-107-44	DUP 030715
			VP-107-60	-
			VP-107-74	
NSLIJ Cancer Center2	3/1/2015	VP-103	VP-103-5	-
			VP-103-10	
			VP-103-20	
			VP-103-30	
			VP-103-40	
			VP-103-50	
			VP-103-61.5	
			VP-103-71.5	
NSLIJ Mock Up Room	3/3/2015	VP-7	VP-7-5	-
	3/10/2015		VP-7-10	
	3/3/2015		VP-7-20	
			VP-7-30	DUP 030315
			VP-7-40	-
			VP-7-50	
NSLIJ Unoccupied	3/31/2015	VP-102	VP-102-4.5	-
			VP-102-8.5	
			VP-102-19.5	
			VP-102-51.5	
			VP-102-57.5	
			VP-102-61.5	
			VP-102-73.5	DUP 033115

Table 3-1 Summary of Nested Well Soil Vapor Samples
Former Unisys Facility, Lake Success, New York

Location[1]	Date	Nested Well	Soil Vapor Sample ID	Duplicate Sample ID
Outside the Main Building	3/6/2015	VP-1	VP-1-5	-
			VP-1-10	
	3/25/2015		VP-1-20	
	3/6/2015		VP-1-30	
	3/11/2015	VP-2	VP-2-5	-
			VP-2-10	DUP 031115
			VP-2-20	-
			VP-2-30	
	3/9/2015	VP-3	VP-3-5	-
			VP-3-10	DUP 030915
			VP-3-20	-
			VP-3-30	
		VP-3D	VP-3D-40	-
			VP-3D-51	
			VP-3D-61	
			VP-3D-73	
	3/8/2015	VP-4	VP-4-5	-
			VP-4-10	
			VP-4-20	
			VP-4-30	DUP 030815
	3/26/2015	VP-5	VP-5-5	-
	3/12/2015		VP-5-10	
			VP-5-30	
			VP-5-20	
	3/27/2015	VP-6	VP-6-5	-
			VP-6-10	DUP2 032715
			VP-6-20	-
			VP-6-30	
	3/11/2015	VP-101	VP-101-5	-
			VP-101-15	
			VP-101-27	
	3/12/2015	VP-106	VP-106-5	-
			VP-106-11	
			VP-106-19.5	
			VP-106-28	
			VP-106-56	
			VP-106-72	DUP 031215
			VP-106-84	-
	3/10/2015	VP-108	VP-108-5	-
			VP-108-10	
			VP-108-20	
			VP-108-29.5	
		VP-108D	VP-108D-50.5	-
			VP-108D-60	
			VP-108D-70	DUP 031015

Table 3-1 Summary of Nested Well Soil Vapor Samples
Former Unisys Facility, Lake Success, New York

Location[1]	Date	Nested Well	Soil Vapor Sample ID	Duplicate Sample ID
Stellae	3/28/2015	VP-NYSDEC-5	VP-DEC-5-5	-
			VP-DEC-5-10	
			VP-DEC-5-20	
			VP-DEC-5-30	
			VP-DEC-5-40	
			VP-DEC-5-50	
	3/15/2015	VP-9	VP-9-10	-
			VP-9-20	
			VP-9-30	
			VP-9-40	
			VP-9-50	
			VP-9-60	
	3/15/2015	VP-105	VP-105-5	-
			VP-105-10	
			VP-105-20	
			VP-105-32	
			VP-105-50	
			VP-105-60	
			VP-105-72	
Unoccupied Space B2	3/4/2015	VP-8	VP-8-5	-
			VP-8-10	
			VP-8-20	
		VP-8D	VP-8-53.5	-
			VP-8-62.5	DUP 030415
			VP-8-72.5	-
Unoccupied Space C4	3/13/2015	VP-104	VP-104-5	-
			VP-104-10	
			VP-104-19	
			VP-104-30	
			VP-104-40	
			VP-104-50	
			VP-104-62	
			VP-104-73	DUP 031315

Legend:

VP: Nested Well Vapor Point

Note:

[1] Refer to Figure 2-1 for nested well sample locations.

TABLE 4-1

Nested Well Soil Vapor Analytical Results

Table 4-1 Nested Well Soil Vapor Analytical Results
Former Unisys Facility, Lake Success, New York

Sample ID:	**FPM-20-5 030415**		**FPM-20-9.4 030415**		**VP-107-5 021115**		**VP-107-13 030715**		**VP-107-20 030715**		**VP-107-33.5 030715**		**VP-107-44 030715**		**DUP 030715**		**VP-107-60 030715**		**VP-107-74 030715**		**VP-103-5 030115**		**VP-103-10 030115**	
Lab ID:	**P1500923-001**		**P1500923-002**		**P1500568-004**		**P1500927-001**		**P1500927-002**		**P1500927-003**		**P1500927-004**		**P1500927-005**		**P1500927-006**		**P1500927-007**		**P1500839-001**		**P1500839-002**	
Location:	**Corridor by Antech**		**Corridor by Antech**		**Dealertrack**		**Dealertrack**		**Dealertrack**		**Dealertrack**		**Dealertrack**				**Dealertrack**		**Dealertrack**		**NSLIJ Cancer Center 2**		**NSLIJ Cancer Center 2**	
Date:	**3/4/2015**		**3/4/2015**		**2/11/2015**		**3/7/2015**		**3/7/2015**		**3/7/2015**		**3/7/2015**				**3/7/2015**		**3/7/2015**		**3/1/2015**		**3/1/2015**	
Method TO-15 VOCs (µg/m³)	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL
1,1,1-Trichloroethane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,1,2,2-Tetrachloroethane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,1,2-Trichloroethane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,1-Dichloroethane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,1-Dichloroethene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,1-Difluoroethane	14	0.8	82	0.82	ND	0.78	4.5	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	2.6	0.63	15	0.62
1,2,4-Trichlorobenzene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,2,4-Trimethylbenzene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	1.3	0.63	ND	0.62
1,2-Dibromo-3-chloropropane	ND	0.8	ND	0.82	ND J	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,2-Dibromoethane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,2-Dichlorobenzene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,2-Dichloroethane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,2-Dichloroethene, Total	ND	0.8	ND	0.82	ND	0.78	55	0.9	ND	760	ND	940	540	290	550	260	510	22	290	11	ND	0.63	ND	0.62
1,2-Dichloropropane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,3,5-Trimethylbenzene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,3-Butadiene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,3-Dichlorobenzene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,4-Dichlorobenzene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
1,4-Dioxane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
2-Butanone (MEK)	ND	8	ND	8.2	ND	7.8	17	9	ND	7,600	ND	9,400	ND	2,900	ND	2,600	ND	220	ND	110	ND	6.3	ND	6.2
2-Hexanone	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
2-Propanol (Isopropyl Alcohol)	ND	8	ND	8.2	ND	7.8	ND	9	ND	7,600	ND	9,400	ND	2,900	ND	2,600	ND	220	ND	110	66	6.3	31	6.2
3-Chloro-1-propene (Allyl Chloride)	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
4-Ethyltoluene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
4-Methyl-2-pentanone	ND	0.8	ND	0.82	ND	0.78	1	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
Acetone	8.3	8	ND	8.2	ND	7.8	38	9	ND	7,600	ND	9,400	ND	2,900	ND	2,600	ND	220	ND	110	34	6.3	17	6.2
Benzene	1.1	0.8	ND	0.82	ND	0.78	1.2	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	1.9	0.63	0.9	0.62
Bromodichloromethane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
Bromoform	ND	0.8	ND	0.82	ND J	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
Bromomethane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
Carbon Disulfide	12	8	ND	8.2	ND	7.8	27	9	ND	7,600	ND	9,400	ND	2,900	ND	2,600	ND	220	ND	110	ND	6.3	ND	6.2
Carbon Tetrachloride	0.38	0.16	0.4	0.16	0.38	0.16	0.47	0.18	ND	150	ND	190	ND	58	ND	51	ND	4.5	ND	2.2	0.43	0.13	0.42	0.12
Chlorobenzene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
Chlorodifluoromethane (CFC 22)	2.5	0.8	9.6	0.82	ND	0.78	0.97	0.9	ND	760	ND	940	ND	290	ND	260	240	22	170	11	1.4	0.63	0.86	0.62
Chloroethane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
Chloroform	ND	0.8	1.3	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	110	22	79	11	ND	0.63	1.5	0.62
Chloromethane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
Chloropentafluoroethane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
cis-1,2-Dichloroethene	ND	0.8	ND	0.82	ND	0.78	55	0.9	ND	760	ND	940	540	290	550	260	510	22	290	11	ND	0.63	ND	0.62
cis-1,3-Dichloropropene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
Cumene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
Cyclohexane	ND	1.6	ND	1.6	ND	1.6	ND	1.8	ND	1,500	ND	1,900	ND	580	ND	510	ND	45	ND	22	3.3	1.3	1.7	1.2
Dibromochloromethane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
Dichlorodifluoromethane (CFC 12)	2	0.8	2	0.82	1.7	0.78	1.9	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	2.5	0.63	2.4	0.62
Ethylbenzene	5.5	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	1.3	0.63	ND	0.62
Hexachlorobutadiene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
m,p-Xylenes	20	0.8	ND	0.82	0.83	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	3.5	0.63	1.7	0.62
Methyl Acetate	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	2.2	0.63	1.7	0.62
Methyl tert-Butyl Ether	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
Methylcyclohexane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	0.99	0.63	0.62	0.62
Methylene Chloride	4.4	0.8	1	0.82	ND	0.78	1.6	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	1.3	0.63	0.7	0.62
n-Hexane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	27	0.63	8.1	0.62
o-Xylene	7.1	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	1.3	0.63	ND	0.62
Styrene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	1.9	0.63	ND	0.62
Tetrachloroethene	ND	0.8	2	0.82	3.7	0.78	4.1	0.9	ND	760	1,200	940	1,000	290	990	260	1,300	22	790	11	ND	0.63	1.6	0.62
Toluene	2	0.8	2.4	0.82	3.9	0.78	2.4	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	33	0.63	12	0.62
trans-1,2-Dichloroethene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
trans-1,3-Dichloropropene	ND	0.8	ND	0.82	ND	0.78	ND	0.9	ND	760	ND	940	ND	290	ND	260	ND	22	ND	11	ND	0.63	ND	0.62
Trichloroethene	ND	0.16	0.83	0.16	0.77	0.16	320	1.8	92,000	150	160,000	190	44,000	58	43,000	51	5,200	9	2,200	2.2	0.45	0.13	2.4	0.12
Trichlorofluoromethane	1.1	0.8	1.1	0.82	1.1	0.78	1.2	0.9	ND	760	ND	940	ND	290	ND	260	27	22	17	11	1.5	0.63	1.5	0.62
Trichlorotrifluoroethane	ND	0.8	ND	0.82	ND	0.78	ND	0.9	1,900	760	1,500	940	ND	290	ND	260	110	22	78	11	ND	0.63	ND	0.62
Vinyl Chloride	ND	0.8	ND	0.82	ND	0.16	ND	0.18	ND	150	ND	190	ND	58	ND	51	ND	4.5	ND	2.2	ND	0.13	ND	0.12

Table 4-1 Nested Well Soil Vapor Analytical Results
Former Unisys Facility, Lake Success, New York

Sample ID:	VP-103-20 030115		VP-103-30 030115		VP-103-40 030115		VP-103-50 030115		VP-103-61.5 030115		VP-103-74.5 030115		VP-7-5 030315		VP-7-10 031015		VP-7-20 030315		VP-7-30 030315		DUP 030315	
Lab ID:	P1500839-003		P1500839-004		P1500839-005		P1500839-006		P1500839-007		P1500839-008		P1500856-001		P1500967-010		P1500856-002		P1500856-003		P1500856-012	
Location:	NSLIJ Cancer Center 2		NSLIJ Cancer Center 2		NSLIJ Cancer Center 2		NSLIJ Cancer Center 2		NSLIJ Cancer Center 2		NSLIJ Cancer Center 2		NSLIJ Mock-up Room		NSLIJ Mock-Up Room		NSLIJ Mock-up Room		NSLIJ Mock-up Room			
Date:	3/1/2015		3/1/2015		3/1/2015		3/1/2015		3/1/2015		3/1/2015		3/3/2015		3/10/2015		3/3/2015		3/3/2015			
Method TO-15 VOCs (µg/m³)	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL
1,1,1-Trichloroethane	ND	0.84	ND	0.82	1.2	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,1,2,2-Tetrachloroethane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,1,2-Trichloroethane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,1-Dichloroethane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,1-Dichloroethene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,1-Difluoroethane	7.5	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	1.2	0.72	1.8	0.88	32	30	ND	630	ND	730
1,2,4-Trichlorobenzene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,2,4-Trimethylbenzene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,2-Dibromo-3-chloropropane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,2-Dibromoethane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,2-Dichlorobenzene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,2-Dichloroethane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,2-Dichloroethene, Total	ND	0.84	1.2	0.82	3.4	0.81	4.7	2.2	4.7	2.4	3.5	1.6	ND	0.72	0.98	0.88	100	30	5,000	630	5,900	730
1,2-Dichloropropane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,3,5-Trimethylbenzene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,3-Butadiene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,3-Dichlorobenzene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,4-Dichlorobenzene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
1,4-Dioxane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	1.8	0.72	ND	0.88	ND	30	ND	630	ND	730
2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
2-Butanone (MEK)	ND	8.4	ND	8.2	ND	8.1	ND	22	ND	24	ND	16	ND	7.2	ND	8.8	ND	300	ND	6,300	ND	7,300
2-Hexanone	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
2-Propanol (Isopropyl Alcohol)	ND	8.4	ND	8.2	ND	8.1	ND	22	ND	24	ND	16	11	7.2	ND	8.8	ND	300	ND	6,300	ND	7,300
3-Chloro-1-propene (Allyl Chloride)	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
4-Ethyltoluene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
4-Methyl-2-pentanone	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Acetone	ND	8.4	ND	8.2	8.3	8.1	ND	22	130	24	ND	16	10	7.2	ND	8.8	ND	300	ND	6,300	ND	7,300
Benzene	ND	0.84	ND	0.82	1.1	0.81	ND	2.2	ND	2.4	ND	1.6	0.8	0.72	ND	0.88	ND	30	ND	630	ND	730
Bromodichloromethane	ND	0.84	ND	0.82	1.7	0.81	ND	2.2	ND	2.4	1.7	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Bromoform	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Bromomethane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Carbon Disulfide	ND	8.4	11	8.2	ND	8.1	ND	22	ND	24	ND	16	ND	7.2	ND	8.8	ND	300	ND	6,300	ND	7,300
Carbon Tetrachloride	9.9	0.17	20	0.16	10	0.16	4	0.44	3.7	0.48	2.9	0.33	0.48	0.14	0.57 J	0.18	ND	6	ND	130	ND	150
Chlorobenzene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Chlorodifluoromethane (CFC 22)	11	0.84	41	0.82	42	0.81	63	2.2	58	2.4	50	1.6	5	0.72	10	0.88	ND	30	ND	630	ND	730
Chloroethane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Chloroform	5.9	0.84	10	0.82	7.4	0.81	5.3	2.2	5.2	2.4	5.1	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Chloromethane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Chloropentafluoroethane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
cis-1,2-Dichloroethene	ND	0.84	1.2	0.82	3.4	0.81	4.7	2.2	4.7	2.4	3.5	1.6	ND	0.72	0.98	0.88	100	30	5,000	630	5,900	730
cis-1,3-Dichloropropene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Cumene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Cyclohexane	ND	1.7	ND	1.6	ND	1.6	ND	4.4	ND	4.8	ND	3.3	1.6	1.4	2.3	1.8	ND	60	ND	1,300	ND	1,500
Dibromochloromethane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Dichlorodifluoromethane (CFC 12)	2.4	0.84	2.6	0.82	2.5	0.81	2.6	2.2	ND	2.4	2.5	1.6	2.2	0.72	2.6	0.88	ND	30	ND	630	ND	730
Ethylbenzene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	1	0.72	ND	0.88	ND	30	ND	630	ND	730
Hexachlorobutadiene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
m,p-Xylenes	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	2.9	0.72	2.5	0.88	ND	30	ND	630	ND	730
Methyl Acetate	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Methyl tert-Butyl Ether	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Methylcyclohexane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Methylene Chloride	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	9.3	0.72	4.3	0.88	ND	30	ND	630	ND	730
n-Hexane	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	0.89	0.88	ND	30	ND	630	ND	730
o-Xylene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	0.87	0.72	ND	0.88	ND	30	ND	630	ND	730
Styrene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Tetrachloroethene	39	0.84	100	0.82	130	0.81	150	2.2	140	2.4	120	1.6	1.1	0.72	33	0.88	4,100	30	53,000	630	64,000	730
Toluene	1.3	0.84	1.1	0.82	2.8	0.81	ND	2.2	11	2.4	2.4	1.6	3.2	0.72	2.4	0.88	ND	30	ND	630	ND	730
trans-1,2-Dichloroethene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
trans-1,3-Dichloropropene	ND	0.84	ND	0.82	ND	0.81	ND	2.2	ND	2.4	ND	1.6	ND	0.72	ND	0.88	ND	30	ND	630	ND	730
Trichloroethene	170	0.17	340	1.6	350	1.6	410	1.5	430	0.48	350	0.33	0.44	0.14	15	0.18	3,400	6	91,000	130	110,000	150
Trichlorofluoromethane	3.1	0.84	6.3	0.82	5.2	0.81	5.2	2.2	5	2.4	4.3	1.6	1.2	0.72	1.5 J	0.88	ND	30	ND	630	ND	730
Trichlorotrifluoroethane	8	0.84	18	0.82	14	0.81	12	2.2	12	2.4	9.3	1.6	ND	0.72	2	0.88	100	30	1,400	630	1,500	730
Vinyl Chloride	ND	0.17	ND	0.16	ND	0.16	ND	0.44	ND	0.48	ND	0.33	ND	0.14	ND	0.88	ND	6	ND	130	ND	150

Table 4-1 Nested Well Soil Vapor Analytical Results
Former Unisys Facility, Lake Success, New York

Sample ID:	VP-7-40 030315		VP-7-50 030315		VP-102-4.5 030315		VP-102-8.5 030315		VP-102-19.5 030315		VP-102-51.5 030315		VP-102-57.5 030315		VP-102-61.5 030315		VP-102-73.5 033115			DUP 033115			VP-1-5 030615		VP-1-10 030615	
Lab ID:	P1500856-004		P1500856-005		P1500856-011		P1500856-006		P1500856-007		P1500856-008		P1500856-009		P1500856-010		P1501364-001			P1501364-002			P1500926-001		P1500926-002	
Location:	NSLIJ Mock-up Room		NSLIJ Mock-up Room		NSLIJ Unoccupied		NSLIJ Unoccupied		NSLIJ Unoccupied		NSLIJ Unoccupied		NSLIJ Unoccupied		NSLIJ Unoccupied		NSLIJ Unoccupied						Outside Main Building		Outside Main Building	
Date:	3/3/2015		3/3/2015		3/3/2015		3/3/2015		3/3/2015		3/3/2015		3/3/2015		3/3/2015		3/31/2015						3/6/2015		3/6/2015	
Method TO-15 VOCs (µg/m³)	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result		MRL	Result		MRL	Result	MRL	Result	MRL
1,1,1-Trichloroethane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	1.4	J	0.8	2.1	J	0.87	ND	0.75	ND	0.8
1,1,2,2-Tetrachloroethane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,1,2-Trichloroethane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,1-Dichloroethane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,1-Dichloroethene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,1-Difluoroethane	ND	71	ND	7.2	38	0.78	18	0.74	4.6	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,2,4-Trichlorobenzene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,2,4-Trimethylbenzene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,2-Dibromo-3-chloropropane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,2-Dibromoethane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,2-Dichlorobenzene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,2-Dichloroethane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,2-Dichloroethene, Total	4,800	71	280	7.2	ND	0.78	ND	0.74	ND	0.87	7.6	4.1	7.6	4	7.3	4	4.2	J	0.8	6.5	J	0.87	ND	0.75	ND	0.8
1,2-Dichloropropane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,3,5-Trimethylbenzene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,3-Butadiene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,3-Dichlorobenzene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,4-Dichlorobenzene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
1,4-Dioxane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
2-Butanone (MEK)	ND	710	ND	72	8.8	7.8	ND	7.4	ND	8.7	ND	41	ND	40	ND	40	ND		8	ND		8.7	ND	7.5	ND	8
2-Hexanone	ND	71	ND	7.2	0.86	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND	J	0.8	0.96	J	0.87	ND	0.75	ND	0.8
2-Propanol (Isopropyl Alcohol)	ND	710	ND	72	11	7.8	ND	7.4	ND	8.7	ND	41	ND	40	ND	40	ND		8	ND		8.7	ND	7.5	ND	8
3-Chloro-1-propene (Allyl Chloride)	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
4-Ethyltoluene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
4-Methyl-2-pentanone	ND	71	ND	7.2	2.2	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND	J	0.8	1	J	0.87	ND	0.75	ND	0.8
Acetone	ND	710	ND	72	19	7.8	ND	7.4	ND	8.7	ND	41	ND	40	ND	40	10	J	8	22	J	8.7	ND	7.5	ND	8
Benzene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Bromodichloromethane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND	J	0.8	1.1	J	0.87	ND	0.75	ND	0.8
Bromoform	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Bromomethane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Carbon Disulfide	ND	710	ND	72	ND	7.8	ND	7.4	ND	8.7	ND	41	ND	40	ND	40	ND		8	ND		8.7	ND	7.5	ND	8
Carbon Tetrachloride	ND	14	2.6	1.4	0.35	0.16	0.43	0.15	0.48	0.17	ND	0.83	ND	0.81	ND	0.79	0.49		0.16	0.58		0.17	0.34	0.15	0.34	0.16
Chlorobenzene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Chlorodifluoromethane (CFC 22)	ND	71	35	7.2	1.8	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Chloroethane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Chloroform	180	71	64	7.2	ND	0.78	ND	0.74	ND	0.87	5.2	4.1	4.9	4	5.1	4	3.3	J	0.8	5	J	0.87	ND	0.75	ND	0.8
Chloromethane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Chloropentafluoroethane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
cis-1,2-Dichloroethene	4,800	71	280	7.2	ND	0.78	ND	0.74	ND	0.87	7.6	4.1	7.6	4	7.3	4	4.2	J	0.8	6.5	J	0.87	ND	0.75	ND	0.8
cis-1,3-Dichloropropene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Cumene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Cyclohexane	ND	140	ND	14	ND	1.6	ND	1.5	ND	1.7	ND	8.3	ND	8.1	ND	7.9	ND		1.6	ND		1.7	ND	1.5	ND	1.6
Dibromochloromethane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Dichlorodifluoromethane (CFC 12)	ND	71	ND	7.2	2	0.78	2.1	0.74	2.1	0.87	ND	4.1	ND	4	ND	4	2.1		0.8	2.4		0.87	2	0.75	2	0.8
Ethylbenzene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Hexachlorobutadiene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
m,p-Xylenes	ND	71	ND	7.2	0.92	0.78	0.92	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Methyl Acetate	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Methyl tert-Butyl Ether	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Methylcyclohexane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Methylene Chloride	ND	71	ND	7.2	0.89	0.78	0.74	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
n-Hexane	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
o-Xylene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Styrene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Tetrachloroethene	8,900	71	1,400	29	ND	0.78	0.76	0.74	2.4	0.87	330	4.1	350	4	350	4	320		8	410		8.7	ND	0.75	ND	0.8
Toluene	ND	71	ND	7.2	6.1	0.78	0.92	0.74	1.3	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	1	0.8
trans-1,2-Dichloroethene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
trans-1,3-Dichloropropene	ND	71	ND	7.2	ND	0.78	ND	0.74	ND	0.87	ND	4.1	ND	4	ND	4	ND		0.8	ND		0.87	ND	0.75	ND	0.8
Trichloroethene	15,000	71	2,400	5.8	ND	0.16	0.44	0.15	1.4	0.17	630	0.83	650	0.81	650	0.79	500		1.6	670		1.7	4	0.15	2.1	0.16
Trichlorofluoromethane	ND	71	ND	7.2	1.2	0.78	1.2	0.74	1.3	0.87	ND	4.1	ND	4	ND	4	1.9		0.8	2.3		0.87	1.1	0.75	1.1	0.8
Trichlorotrifluoroethane	ND	71	24	7.2	ND	0.78	ND	0.74	ND	0.87	14	4.1	14	4	12	4	9.4	J	0.8	14	J	0.87	ND	0.75	ND	0.8
Vinyl Chloride	ND	14	ND	1.4	ND	0.16	ND	0.15	ND	0.17	ND	0.83	ND	0.81	ND	0.79	ND		0.16	ND		0.17	ND	0.15	ND	0.16

Table 4-1 Nested Well Soil Vapor Analytical Results
Former Unisys Facility, Lake Success, New York

Sample ID:	VP-1-20 032515		VP-1-30 030615		VP-2-5 031115		VP-2-10 031115		DUP 031115		VP-2-20 031115		VP-2-30 031115		VP-3-5 030915		VP-3-10 030915		DUP 030915		VP-3-20 030915	
Lab ID:	P1501311-001		P1500926-003		P1501000-007		P1501000-006		P1501000-008		P1501000-005		P1501000-004		P1500925-001		P1500925-002		P1500925-009		P1500925-003	
Location:	Outside Main Building		Outside Main Building		Outside Main Building		Outside Main Building				Outside Main Building		Outside Main Building		Outside Main Building		Outside Main Building				Outside Main Building	
Date:	3/25/2015		3/6/2015		3/11/2015		3/11/2015				3/11/2015		3/11/2015		3/9/2015		3/9/2015				3/9/2015	
Method TO-15 VOCs (µg/m³)	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL
1,1,1-Trichloroethane	ND	0.87	ND	0.82	1.6	0.84	3.1	0.83	2.9	0.86	1.4	0.88	1.5	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,1,2,2-Tetrachloroethane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,1,2-Trichloroethane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,1-Dichloroethane	ND	0.87	ND	0.82	ND	0.84	4.1	0.83	3.8	0.86	1	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,1-Dichloroethene	ND	0.87	ND	0.82	ND	0.84	1.9	0.83	1.8	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,1-Difluoroethane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,2,4-Trichlorobenzene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,2,4-Trimethylbenzene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	1.9	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,2-Dibromo-3-chloropropane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,2-Dibromoethane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,2-Dichlorobenzene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,2-Dichloroethane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,2-Dichloroethene, Total	ND	0.87	ND	0.82	0.91	0.84	1,300	0.83	1,200	0.86	17	0.88	47	0.88	ND	0.88	ND	0.89	ND	0.88	20	0.83
1,2-Dichloropropane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,3,5-Trimethylbenzene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,3-Butadiene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,3-Dichlorobenzene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,4-Dichlorobenzene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
1,4-Dioxane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
2-Butanone (MEK)	ND	8.7	ND	8.2	ND	8.4	ND	8.3	ND	8.6	ND	8.8	ND	8.8	ND	8.8	ND	8.9	ND	8.8	ND	8.3
2-Hexanone	ND	0.87	ND	0.82	0.94	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
2-Propanol (Isopropyl Alcohol)	ND	8.7	ND	8.2	ND	8.4	ND	8.3	ND	8.6	ND	8.8	ND	8.8	ND	8.8	ND	8.9	ND	8.8	ND	8.3
3-Chloro-1-propene (Allyl Chloride)	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
4-Ethyltoluene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
4-Methyl-2-pentanone	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Acetone	28	8.7	19	8.2	13	8.4	25 J	8.3	36 J	8.6	ND	8.8	ND	8.8	24	8.8	9.9 J	8.9	ND J	8.8	10	8.3
Benzene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	1	0.88	ND	0.89	ND	0.88	ND	0.83
Bromodichloromethane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Bromoform	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Bromomethane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Carbon Disulfide	11	8.7	ND	8.2	ND	8.4	ND	8.3	ND	8.6	ND	8.8	ND	8.8	ND	8.8	ND	8.9	ND	8.8	ND	8.3
Carbon Tetrachloride	0.3	0.17	0.19	0.16	0.26	0.17	ND	0.17	ND	0.17	0.23	0.18	0.31	0.18	0.49	0.18	0.23	0.18	0.2	0.18	0.2	0.17
Chlorobenzene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Chlorodifluoromethane (CFC 22)	ND	0.87	ND	0.82	1.1	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Chloroethane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Chloroform	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	1.2	0.83
Chloromethane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Chloropentafluoroethane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
cis-1,2-Dichloroethene	ND	0.87	ND	0.82	0.91	0.84	1,300	17	1,200	17	17	0.88	47	0.88	ND	0.88	ND	0.89	ND	0.88	18	0.83
cis-1,3-Dichloropropene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Cumene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Cyclohexane	ND	1.7	ND	1.6	ND	1.7	ND	1.7	ND	1.7	ND	1.8	ND	1.8	ND	1.8	ND	1.8	ND	1.8	ND	1.7
Dibromochloromethane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Dichlorodifluoromethane (CFC 12)	3.1	0.87	4.7	0.82	2	0.84	1.8	0.83	1.8	0.86	2	0.88	1.9	0.88	2.1	0.88	ND J	0.89	2.2 J	0.88	2.2	0.83
Ethylbenzene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Hexachlorobutadiene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
m,p-Xylenes	ND	0.87	ND	0.82	ND	0.84	ND J	0.83	0.93 J	0.86	ND	0.88	ND	0.88	1.3	0.88	1.1 J	0.89	ND J	0.88	ND	0.83
Methyl Acetate	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Methyl tert-Butyl Ether	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Methylcyclohexane	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Methylene Chloride	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
n-Hexane	ND	0.87	ND	0.82	ND	0.84	ND J	0.83	0.94 J	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
o-Xylene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Styrene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Tetrachloroethene	5.2	0.87	18	0.82	160	0.84	530	17	480	17	73	0.88	220	8.8	ND	0.88	26	0.89	26	0.88	210	8.3
Toluene	ND	0.87	ND	0.82	ND	0.84	ND J	0.83	1.1 J	0.86	ND	0.88	0.91	0.88	3.3	0.88	3.7 J	0.89	ND J	0.88	ND	0.83
trans-1,2-Dichloroethene	ND	0.87	ND	0.82	ND	0.84	2.4	0.83	2.1	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	1.7	0.83
trans-1,3-Dichloropropene	ND	0.87	ND	0.82	ND	0.84	ND	0.83	ND	0.86	ND	0.88	ND	0.88	ND	0.88	ND	0.89	ND	0.88	ND	0.83
Trichloroethene	33	0.17	190	1.6	6.5	0.17	120	0.17	110	0.17	50	0.18	200	1.8	ND	0.18	6.8	0.18	7.2	0.18	87	0.17
Trichlorofluoromethane	5.2	0.87	3.6	0.82	1.2	0.84	1	0.83	1.1	0.86	1.2	0.88	1.3	0.88	1.2	0.88	1.3	0.89	1.3	0.88	1.3	0.83
Trichlorotrifluoroethane	1.5	0.87	2.4	0.82	ND	0.84	ND	0.83	ND	0.86	1.6	0.88	35	0.88	ND	0.88	1.4	0.89	1.5	0.88	2.9	0.83
Vinyl Chloride	ND	0.17	ND	0.16	ND	0.17	41	0.17	38	0.17	2.7	0.18	1.2	0.18	ND	0.18	ND	0.18	ND	0.18	ND	0.17

Table 4-1 Nested Well Soil Vapor Analytical Results
Former Unisys Facility, Lake Success, New York

Sample ID:	**VP-3-30 030915**		**VP-3D-40 030915**		**VP-3D-51 030915**		**VP-3D-61 030915**		**VP-3D-73 030915**		**VP-4-5 030815**		**VP-4-10 030815**		**VP-4-20 030815**		**VP-4-30 030815**		**DUP 030815**		**VP-5-5 032615**	
Lab ID:	**P1500925-004**		**P1500925-005**		**P1500925-006**		**P1500925-007**		**P1500925-008**		**P1500920-001**		**P1500920-002**		**P1500920-003**		**P1500920-004**		**P1500920-005**		**P1501311-002**	
Location:	**Outside Main Building**		**Outside Main Building**		**Outside Main Building**		**Outside Main Building**		**Outside Main Building**		**Outside Main Building**		**Outside Main Building**		**Outside Main Building**		**Outside Main Building**				**Outside Main Building**	
Date:	**3/9/2015**		**3/9/2015**		**3/9/2015**		**3/9/2015**		**3/9/2015**		**3/8/2015**		**3/8/2015**		**3/8/2015**		**3/8/2015**				**3/26/2015**	
Method TO-15 VOCs (µg/m³)	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL
1,1,1-Trichloroethane	ND	0.84	ND	0.91	ND	0.86	4.3	0.8	11	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,1,2,2-Tetrachloroethane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,1,2-Trichloroethane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,1-Dichloroethane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,1-Dichloroethene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,1-Difluoroethane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,2,4-Trichlorobenzene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,2,4-Trimethylbenzene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,2-Dibromo-3-chloropropane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,2-Dibromoethane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,2-Dichlorobenzene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,2-Dichloroethane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,2-Dichloroethene, Total	ND	0.84	67	0.91	180	0.86	210	0.8	39	0.86	ND	0.86	ND	0.89	ND	0.96	3.8	0.88	3.4	0.98	ND	0.72
1,2-Dichloropropane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,3,5-Trimethylbenzene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,3-Butadiene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,3-Dichlorobenzene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,4-Dichlorobenzene	ND	0.84	1.6	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
1,4-Dioxane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
2-Butanone (MEK)	ND	8.4	ND	9.1	ND	8.6	ND	8	ND	8.6	ND	8.6	ND	8.9	ND	9.6	ND	8.8	ND	9.8	ND	7.2
2-Hexanone	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
2-Propanol (Isopropyl Alcohol)	ND	8.4	ND	9.1	ND	8.6	ND	8	ND	8.6	ND	8.6	ND	8.9	ND	9.6	ND	8.8	ND	9.8	ND	7.2
3-Chloro-1-propene (Allyl Chloride)	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
4-Ethyltoluene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
4-Methyl-2-pentanone	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Acetone	8.9	8.4	ND	9.1	ND	8.6	11	8	ND	8.6	ND	8.6	ND	8.9	10	9.6	ND J	8.8	12 J	9.8	ND	7.2
Benzene	1	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	1.1	0.72
Bromodichloromethane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Bromoform	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Bromomethane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Carbon Disulfide	ND	8.4	ND	9.1	ND	8.6	ND	8	ND	8.6	ND	8.6	ND	8.9	ND	9.6	ND	8.8	ND	9.8	ND	7.2
Carbon Tetrachloride	0.49	0.17	0.41	0.18	0.52	0.17	1.2	0.16	2.2	0.17	0.46	0.17	0.43	0.18	0.43	0.19	0.5	0.18	0.4	0.2	0.51	0.14
Chlorobenzene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Chlorodifluoromethane (CFC 22)	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	1.1	0.86	1.1	0.89	1.1	0.96	1.1 J	0.88	1.6 J	0.98	ND	0.72
Chloroethane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Chloroform	ND	0.84	1.8	0.91	1.9	0.86	14	0.8	56	0.86	ND	0.86	1.1	0.89	ND	0.96	3.5	0.88	3.5	0.98	ND	0.72
Chloromethane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Chloropentafluoroethane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
cis-1,2-Dichloroethene	ND	0.84	64	0.91	180	0.86	210	8	37	0.86	ND	0.86	ND	0.89	ND	0.96	3.8	0.88	3.4	0.98	ND	0.72
cis-1,3-Dichloropropene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Cumene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Cyclohexane	ND	1.7	ND	1.8	ND	1.7	ND	1.6	ND	1.7	ND	1.7	ND	1.8	ND	1.9	ND	1.8	ND	2	ND	1.4
Dibromochloromethane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Dichlorodifluoromethane (CFC 12)	2.3	0.84	2.3	0.91	2.4	0.86	4.3	0.8	6.5	0.86	2.9	0.86	2.8	0.89	2.6	0.96	2.7	0.88	2.7	0.98	2.3	0.72
Ethylbenzene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Hexachlorobutadiene	ND	0.84	1.7	0.91	1.2	0.86	1.1	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
m,p-Xylenes	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	1.3	0.72
Methyl Acetate	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Methyl tert-Butyl Ether	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Methylcyclohexane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Methylene Chloride	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
n-Hexane	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	0.95	0.72
o-Xylene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Styrene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Tetrachloroethene	ND	0.84	380	9.1	270	8.6	700	8	610	8.6	3	0.86	3	0.89	5.6	0.96	96	0.88	93	0.98	ND	0.72
Toluene	2.3	0.84	ND	0.91	ND	0.86	0.88	0.8	2.1	0.86	ND	0.86	ND	0.89	15	0.96	ND	0.88	ND	0.98	2.3	0.72
trans-1,2-Dichloroethene	ND	0.84	2.2	0.91	1.2	0.86	1.5	0.8	1.3	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
trans-1,3-Dichloropropene	ND	0.84	ND	0.91	ND	0.86	ND	0.8	ND	0.86	ND	0.86	ND	0.89	ND	0.96	ND	0.88	ND	0.98	ND	0.72
Trichloroethene	ND	0.17	140	0.18	110	0.17	300	1.6	380	1.7	0.91	0.17	1.4	0.18	5.6	0.19	97	0.18	91	0.2	ND	0.14
Trichlorofluoromethane	1.3	0.84	1.4	0.91	1.5	0.86	3.6	0.8	9.6	0.86	1.6	0.86	1.7	0.89	1.5	0.96	1.5	0.88	1.5	0.98	1.3	0.72
Trichlorotrifluoroethane	ND	0.84	16	0.91	6.7	0.86	27	0.8	38	0.86	0.93	0.86	1.1	0.89	1.5	0.96	4	0.88	4.3	0.98	ND	0.72
Vinyl Chloride	ND	0.17	ND	0.18	ND	0.17	ND	0.16	ND	0.17	ND	0.17	ND	0.18	ND	0.19	ND	0.18	ND	0.2	ND	0.14

Table 4-1 Nested Well Soil Vapor Analytical Results
Former Unisys Facility, Lake Success, New York

Sample ID:	**VP-5-10 031215**		**VP-5-20 031215**		**VP-5-30 031215**		**VP-6-5 032715**		**VP-6-10 032715**		**DUP2 032715**		**VP-6-20 032715**		**VP-6-30 032715**		**VP-101-5 031115**		**VP-101-15 031115**		**VP-101-27 031115**	
Lab ID:	**P1501037-002**		**P1501037-001**		**P1501037-009**		**P1501298-002**		**P1501298-003**		**P1501298-004**		**P1501298-001**		**P1501298-005**		**P1501000-003**		**P1501000-002**		**P1501000-001**	
Location:	**Outside Main Building**		**Outside Main Building**		**Outside Main Building**		**Outside Main Building**		**Outside Main Building**				**Outside Main Building**		**Outside Main Building**		**Outside Main Building**		**Outside Main Building**		**Outside Main Building**	
Date:	**3/12/2015**		**3/12/2015**		**3/12/2015**		**3/27/2015**		**3/27/2015**				**3/27/2015**		**3/27/2015**		**3/11/2015**		**3/11/2015**		**3/11/2015**	
Method TO-15 VOCs (µg/m³)	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL
1,1,1-Trichloroethane	ND	0.81	ND	0.84	0.96	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	0.97	0.8
1,1,2,2-Tetrachloroethane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,1,2-Trichloroethane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,1-Dichloroethane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,1-Dichloroethene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,1-Difluoroethane	ND	0.81	ND	0.84	0.84	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,2,4-Trichlorobenzene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,2,4-Trimethylbenzene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,2-Dibromo-3-chloropropane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,2-Dibromoethane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,2-Dichlorobenzene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,2-Dichloroethane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,2-Dichloroethene, Total	ND	0.81	ND	0.84	0.99	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	0.9	0.83	ND	0.9	0.99	0.78	ND	0.8
1,2-Dichloropropane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,3,5-Trimethylbenzene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,3-Butadiene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,3-Dichlorobenzene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,4-Dichlorobenzene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
1,4-Dioxane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
2-Butanone (MEK)	ND	8.1	ND	8.4	ND	7.7	ND	7.5	ND	6.4	ND	9.1	ND	7.3	ND	8.3	ND	9	ND	7.8	ND	8
2-Hexanone	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
2-Propanol (Isopropyl Alcohol)	ND	8.1	ND	8.4	ND	7.7	ND	7.5	ND	6.4	ND	9.1	ND	7.3	ND	8.3	ND	9	ND	7.8	ND	8
3-Chloro-1-propene (Allyl Chloride)	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
4-Ethyltoluene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
4-Methyl-2-pentanone	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Acetone	ND	8.1	ND	8.4	ND	7.7	ND	7.5	ND	6.4	ND	9.1	ND	7.3	ND	8.3	22	9	ND	7.8	10	8
Benzene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Bromodichloromethane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Bromoform	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Bromomethane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Carbon Disulfide	ND	8.1	ND	8.4	ND	7.7	ND	7.5	ND	6.4	ND	9.1	ND	7.3	ND	8.3	ND	9	ND	7.8	ND	8
Carbon Tetrachloride	ND	0.16	ND	0.17	ND	0.15	0.16	0.15	0.21 J	0.13	ND J	0.18	0.18	0.15	ND	0.17	0.23	0.18	0.39	0.16	1.1	0.16
Chlorobenzene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Chlorodifluoromethane (CFC 22)	ND	0.81	ND	0.84	1	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Chloroethane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Chloroform	ND	0.81	1	0.84	1.6	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	0.85	0.8
Chloromethane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Chloropentafluoroethane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
cis-1,2-Dichloroethene	ND	0.81	ND	0.84	0.99	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	0.9	0.83	ND	0.9	0.99	0.78	ND	0.8
cis-1,3-Dichloropropene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Cumene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Cyclohexane	ND	1.6	ND	1.7	ND	1.5	ND	1.5	ND	1.3	ND	1.8	ND	1.5	ND	1.7	ND	1.8	ND	1.6	ND	1.6
Dibromochloromethane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Dichlorodifluoromethane (CFC 12)	3.6	0.81	12	0.84	15	0.77	2.1	0.75	2.2	0.64	2.2	0.91	2	0.73	2.3	0.83	1.9	0.9	1.9	0.78	1.8	0.8
Ethylbenzene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Hexachlorobutadiene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
m,p-Xylenes	ND	0.81	ND	0.84	0.96	0.77	ND	0.75	1.4 J	0.64	ND J	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Methyl Acetate	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Methyl tert-Butyl Ether	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Methylcyclohexane	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Methylene Chloride	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
n-Hexane	ND	0.81	ND	0.84	1.2	0.77	ND	0.75	0.68 J	0.64	ND J	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
o-Xylene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Styrene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Tetrachloroethene	37	0.81	82	0.84	150	7.7	13	0.75	6 J	0.64	9.8 J	0.91	25	0.73	53	0.83	1.7	0.9	12	0.78	31	0.8
Toluene	ND	0.81	ND	0.84	1.8	0.77	ND	0.75	1.1 J	0.64	ND J	0.91	1.1	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
trans-1,2-Dichloroethene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
trans-1,3-Dichloropropene	ND	0.81	ND	0.84	ND	0.77	ND	0.75	ND	0.64	ND	0.91	ND	0.73	ND	0.83	ND	0.9	ND	0.78	ND	0.8
Trichloroethene	ND	0.16	93	0.17	160	1.5	0.38	0.15	ND	0.13	ND	0.18	2.8	0.15	14	0.17	0.32	0.18	5.7	0.16	40	0.16
Trichlorofluoromethane	1.4 J	0.81	3 J	0.84	3 J	0.77	1.2	0.75	1.3	0.64	1.3	0.91	1.2	0.73	1.2	0.83	1.3	0.9	1.1	0.78	4.4	0.8
Trichlorotrifluoroethane	1.1	0.81	2.2	0.84	2.7	0.77	0.77	0.75	0.67 J	0.64	ND J	0.91	1.1	0.73	1	0.83	5.3	0.9	94	0.78	160	0.8
Vinyl Chloride	ND	0.16	ND	0.17	ND	0.15	ND	0.15	ND	0.13	ND	0.18	ND	0.15	ND	0.17	ND	0.18	ND	0.16	ND	0.16

Table 4-1 Nested Well Soil Vapor Analytical Results
Former Unisys Facility, Lake Success, New York

Sample ID:	VP-106-5 031215		VP-106-11 031215		VP-106-19.5 031215		VP-106-28 031215		VP-106-56 031215		VP-106-72 031215		DUP 031215		VP-106-84 031215		VP-108-5 031015		VP-108-10 031015		VP-108-20 031015	
Lab ID:	P1501037-010		P1501037-008		P1501037-007		P1501037-011		P1501037-006		P1501037-004		P1501037-005		P1501037-003		P1500967-007		P1500967-006		P1500967-005	
Location:	Outside Main Building		Outside Main Building		Outside Main Building		Outside Main Building		Outside Main Building		Outside Main Building				Outside Main Building		Outside Main Building		Outside Main Building		Outside Main Building	
Date:	3/12/2015		3/12/2015		3/12/2015		3/12/2015		3/12/2015		3/12/2015				3/12/2015		3/10/2015		3/10/2015		3/10/2015	
Method TO-15 VOCs (µg/m³)	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL
1,1,1-Trichloroethane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,1,2,2-Tetrachloroethane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,1,2-Trichloroethane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,1-Dichloroethane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,1-Dichloroethene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	6.6 J	5.5	ND	0.85	ND	0.83	ND	0.79
1,1-Difluoroethane	1.6	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,2,4-Trichlorobenzene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,2,4-Trimethylbenzene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,2-Dibromo-3-chloropropane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,2-Dibromoethane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,2-Dichlorobenzene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,2-Dichloroethane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,2-Dichloroethene, Total	ND	0.75	ND	0.83	ND	0.82	ND	0.85	35	5.2	43 J	5.1	68 J	5.8	58	5.5	2.4	0.85	1.2	0.83	4.5	0.79
1,2-Dichloropropane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,3,5-Trimethylbenzene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,3-Butadiene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,3-Dichlorobenzene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,4-Dichlorobenzene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
1,4-Dioxane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
2-Butanone (MEK)	ND	7.5	ND	8.3	ND	8.2	ND	8.5	ND	52	ND	51	ND	58	ND	55	ND	8.5	ND	8.3	ND	7.9
2-Hexanone	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	0.86	0.85	ND	0.83	ND	0.79
2-Propanol (Isopropyl Alcohol)	ND	7.5	ND	8.3	ND	8.2	ND	8.5	ND	52	ND	51	ND	58	ND	55	ND	8.5	ND	8.3	ND	7.9
3-Chloro-1-propene (Allyl Chloride)	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
4-Ethyltoluene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
4-Methyl-2-pentanone	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Acetone	ND	7.5	ND	8.3	ND	8.2	ND	8.5	ND	52	ND	51	ND	58	ND	55	12	8.5	ND	8.3	82	7.9
Benzene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Bromodichloromethane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Bromoform	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Bromomethane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Carbon Disulfide	ND	7.5	ND	8.3	ND	8.2	ND	8.5	ND	52	ND	51	ND	58	ND	55	ND	8.5	ND	8.3	ND	7.9
Carbon Tetrachloride	0.31 J	0.15	0.28 J	0.17	0.25 J	0.16	0.23 J	0.17	ND	1	ND	1	ND	1.2	ND	1.1	0.27 J	0.17	0.47 J	0.17	0.46 J	0.16
Chlorobenzene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Chlorodifluoromethane (CFC 22)	1.1	0.75	1.1	0.83	ND	0.82	ND	0.85	ND	5.2	7 J	5.1	10 J	5.8	10	5.5	1.6	0.85	1.2	0.83	ND	0.79
Chloroethane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Chloroform	0.83	0.75	ND	0.83	1	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Chloromethane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Chloropentafluoroethane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
cis-1,2-Dichloroethene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	35	5.2	43 J	5.1	68 J	5.8	58	5.5	2.4	0.85	1.2	0.83	4.5	0.79
cis-1,3-Dichloropropene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Cumene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Cyclohexane	ND	1.5	ND	1.7	ND	1.6	ND	1.7	ND	10	ND	10	ND	12	ND	11	ND	1.7	ND	1.7	ND	1.6
Dibromochloromethane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Dichlorodifluoromethane (CFC 12)	2.8	0.75	2.8	0.83	2.9	0.82	3.1	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	2.7	0.85	2.7	0.83	2.5	0.79
Ethylbenzene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Hexachlorobutadiene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
m,p-Xylenes	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	0.89	0.83	1	0.79
Methyl Acetate	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Methyl tert-Butyl Ether	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Methylcyclohexane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Methylene Chloride	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
n-Hexane	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
o-Xylene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Styrene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Tetrachloroethene	2	0.75	3.7	0.83	13	0.82	30	0.85	140	5.2	160 J	5.1	260 J	5.8	210	5.5	2.7	0.85	3.5	0.83	28	0.79
Toluene	2	0.75	0.93	0.83	1.1	0.82	ND	0.85	5.3	5.2	ND	5.1	ND	5.8	8.3	5.5	ND	0.85	1.2	0.83	1.6	0.79
trans-1,2-Dichloroethene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
trans-1,3-Dichloropropene	ND	0.75	ND	0.83	ND	0.82	ND	0.85	ND	5.2	ND	5.1	ND	5.8	ND	5.5	ND	0.85	ND	0.83	ND	0.79
Trichloroethene	ND	0.15	0.36	0.17	5.6	0.16	10	0.17	820	1	1,000	1	1,000	3.5	950	3.3	2	0.17	2.5	0.17	9.2	0.16
Trichlorofluoromethane	1.7 J	0.75	1.9 J	0.83	2.3 J	0.82	2.6 J	0.85	9.7 J	5.2	9.1 J	5.1	14 J	5.8	12 J	5.5	1.6 J	0.85	1.6 J	0.83	1.5 J	0.79
Trichlorotrifluoroethane	0.8	0.75	0.87	0.83	1.2	0.82	1.5	0.85	16	5.2	23 J	5.1	36 J	5.8	42	5.5	ND	0.85	ND	0.83	0.93	0.79
Vinyl Chloride	ND	0.15	ND	0.17	ND	0.16	ND	0.17	ND	1	ND	1	ND	1.2	ND	1.1	ND	0.85	ND	0.83	ND	0.79

Table 4-1 Nested Well Soil Vapor Analytical Results
Former Unisys Facility, Lake Success, New York

Sample ID:	VP-108-29.5 031015		VP-108D-50.5 031015		VP-108D-60 031015		VP-108D-70 031015		DUP 031015		VP-DEC-5-5 032815		VP-DEC-5-10 032815		VP-DEC-5-20 032815		VP-DEC-5-30 032815		VP-DEC-5-40 032815		VP-DEC-5-50 032815		VP-9-10 031515	
Lab ID:	P1500967-004		P1500967-003		P1500967-002		P1500967-001		P1500967-008		P1501299-002		P1501299-003		P1501299-004		P1501299-006		P1501299-005		P1501299-001		P1501058-001	
Location:	Outside Main Building		Outside Main Building		Outside Main Building		Outside Main Building				Stellae		Stellae		Stellae		Stellae		Stellae		Stellae		Stellae	
Date:	3/10/2015		3/10/2015		3/10/2015		3/10/2015				3/28/2015		3/28/2015		3/28/2015		3/28/2015		3/28/2015		3/28/2015		3/15/2015	
Method TO-15 VOCs (µg/m³)	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL
1,1,1-Trichloroethane	ND	96	39	17	ND	54	43	9.3	54	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,1,2,2-Tetrachloroethane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,1,2-Trichloroethane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,1-Dichloroethane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,1-Dichloroethene	ND	96	140	17	130	54	53	9.3	64	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,1-Difluoroethane	ND	96	ND	17	ND	54	ND	9.3	ND	4	1.9	0.81	10	0.87	160	2.3	ND	610	ND	570	ND	800	3.7	0.79
1,2,4-Trichlorobenzene	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,2,4-Trimethylbenzene	ND	96	ND	17	300	54	ND	9.3	ND	4	ND	0.81	0.88	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,2-Dibromo-3-chloropropane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,2-Dibromoethane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,2-Dichlorobenzene	ND	96	ND	17	150	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,2-Dichloroethane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,2-Dichloroethene, Total	3,100	96	11,000	17	20,000	54	7,800 J	9.3	4,600 J	4	ND	0.81	ND	0.87	11	2.3	1,000	610	2,400	570	ND	800	ND	0.79
1,2-Dichloropropane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,3,5-Trimethylbenzene	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,3-Butadiene	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,3-Dichlorobenzene	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,4-Dichlorobenzene	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
1,4-Dioxane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	ND	96	ND	17	ND	54	14	9.3	16	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
2-Butanone (MEK)	ND	960	ND	170	ND	540	ND	93	ND	40	ND	8.1	8.7	8.7	ND	23	ND	6,100	ND	5,700	ND	8,000	17	7.9
2-Hexanone	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	3.1	0.79
2-Propanol (Isopropyl Alcohol)	ND	960	ND	170	ND	540	ND	93	ND	40	ND	8.1	ND	8.7	ND	23	ND	6,100	ND	5,700	ND	8,000	170	7.9
3-Chloro-1-propene (Allyl Chloride)	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
4-Ethyltoluene	ND	96	ND	17	170	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
4-Methyl-2-pentanone	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	9.2	0.79
Acetone	ND	960	ND	170	ND	540	ND	93	ND	40	37	8.1	31	8.7	ND	23	ND	6,100	ND	5,700	ND	8,000	45	7.9
Benzene	ND	96	ND	17	ND	54	ND	9.3	ND	4	0.9	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Bromodichloromethane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Bromoform	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Bromomethane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Carbon Disulfide	ND	960	ND	170	ND	540	ND	93	ND	40	ND	8.1	ND	8.7	ND	23	ND	6,100	ND	5,700	ND	8,000	ND	7.9
Carbon Tetrachloride	ND	19	ND	3.4	ND	11	ND	1.9	ND	0.79	0.47	0.16	0.56	0.17	1.4	0.47	ND	120	ND	110	ND	160	0.48	0.16
Chlorobenzene	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Chlorodifluoromethane (CFC 22)	ND	96	ND	17	ND	54	ND J	9.3	19 J	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Chloroethane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Chloroform	ND	96	ND	17	ND	54	ND J	9.3	5 J	4	ND	0.81	ND	0.87	6.4	2.3	ND	610	ND	570	ND	800	0.94	0.79
Chloromethane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Chloropentafluoroethane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
cis-1,2-Dichloroethene	3,100	96	11,000	170	20,000	270	7,800 J	46	4,600 J	160	ND	0.81	ND	0.87	11	2.3	1,000	610	2,400	570	ND	800	ND	0.79
cis-1,3-Dichloropropene	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Cumene	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Cyclohexane	ND	190	ND	34	ND	110	ND	19	ND	7.9	9	1.6	7.3	1.7	ND	4.7	ND	1,200	ND	1,100	ND	1,600	3.1	1.6
Dibromochloromethane	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Dichlorodifluoromethane (CFC 12)	ND	96	ND	17	ND	54	20	9.3	26	4	2.6	0.81	2.6	0.87	2.4	2.3	ND	610	ND	570	ND	800	1.9	0.79
Ethylbenzene	ND	96	ND	17	820	54	37	9.3	43	4	1.7	0.81	1.5	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Hexachlorobutadiene	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
m,p-Xylenes	ND	96	130	17	5,000	54	270	9.3	320	4	4.9	0.81	4.9	0.87	2.8	2.3	ND	610	ND	570	ND	800	0.8	0.79
Methyl Acetate	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	1	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Methyl tert-Butyl Ether	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Methylcyclohexane	ND	96	ND	17	ND	54	ND	9.3	ND	4	3.3	0.81	2.3	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Methylene Chloride	ND	96	ND	17	ND	54	ND	9.3	ND	4	7.8	0.81	6.8	0.87	4	2.3	ND	610	ND	570	ND	800	2.7	0.79
n-Hexane	ND	96	ND	17	ND	54	ND J	9.3	5.8 J	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
o-Xylene	ND	96	ND	17	400	54	ND J	9.3	9.8 J	4	1.5	0.81	1.4	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Styrene	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Tetrachloroethene	17,000	96	930	17	6,600	270	1,400 J	9.3	1,000 J	160	6.2	0.81	1.4	0.87	59	2.3	6,000	610	6,500	570	830	800	5.4	0.79
Toluene	ND	96	460	17	9,900	54	1,400	9.3	1,200	160	50	0.81	22	0.87	12	2.3	ND	610	ND	570	ND	800	2	0.79
trans-1,2-Dichloroethene	ND	96	34	17	ND	54	9.8 J	9.3	14 J	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
trans-1,3-Dichloropropene	ND	96	ND	17	ND	54	ND	9.3	ND	4	ND	0.81	ND	0.87	ND	2.3	ND	610	ND	570	ND	800	ND	0.79
Trichloroethene	2,600	19	630	3.4	1,500	11	610	1.9	730	0.79	8.4	0.16	1.2	0.17	1,000	1.9	92,000	120	96,000	110	160,000	160	14	0.16
Trichlorofluoromethane	ND	96	26 J	17	ND	54	57 J	9.3	73 J	4	1.5	0.81	1.4	0.87	ND	2.3	ND	610	ND	570	ND	800	1.1	0.79
Trichlorotrifluoroethane	620	96	2,400	17	110	54	1,600	9.3	1,100	160	ND	0.81	ND	0.87	9.6	2.3	31,000	610	8,800	570	ND	800	ND	0.79
Vinyl Chloride	ND	96	ND	17	ND	54	ND J	9.3	6.8 J	4	ND	0.16	ND	0.17	ND	0.47	ND	120	ND	110	ND	160	ND	0.16

Table 4-1 Nested Well Soil Vapor Analytical Results
Former Unisys Facility, Lake Success, New York

Sample ID:	VP-9-20 031515		VP-9-30 031515		VP-9-40 031515		VP-9-50 031515		VP-9-60 031515		VP-105-5 031515		VP-105-10 031515		VP-105-20 031515		VP-105-32 032815		VP-105-50 031515		VP-105-60 031515		VP-105-72 031515	
Lab ID:	P1501058-002		P1501058-003		P1501058-004		P1501058-005		P1501058-006		P1501058-007		P1501058-008		P1501058-009		P1501299-007		P1501058-010		P1501058-011		P1501058-012	
Location:	Stellae		Stellae		Stellae		Stellae		Stellae		Stellae		Stellae		Stellae		Stellae		Stellae		Stellae		Stellae	
Date:	3/15/2015		3/15/2015		3/15/2015		3/15/2015		3/15/2015		3/15/2015		3/15/2015		3/15/2015		3/28/2015		3/15/2015		3/15/2015		3/15/2015	
Method TO-15 VOCs (µg/m³)	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL
1,1,1-Trichloroethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,1,2,2-Tetrachloroethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,1,2-Trichloroethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,1-Dichloroethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	0.98	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,1-Dichloroethene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,1-Difluoroethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	4.3	0.8	7.5	0.91	6.5	0.81	ND	1.9	ND	110	4.8	0.92	ND	37
1,2,4-Trichlorobenzene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,2,4-Trimethylbenzene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,2-Dibromo-3-chloropropane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,2-Dibromoethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,2-Dichlorobenzene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,2-Dichloroethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,2-Dichloroethene, Total	280	11	2,200	130	82,000	3,700	600	79	550	79	ND	0.8	4.4	0.91	9.5	0.81	3.3	1.9	2,000	110	2.3	0.92	340	37
1,2-Dichloropropane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,3,5-Trimethylbenzene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,3-Butadiene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,3-Dichlorobenzene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
1,4-Dichlorobenzene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	51	37
1,4-Dioxane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
2-Butanone (MEK)	ND	110	ND	1,300	ND	37,000	ND	790	ND	790	ND	8	ND	9.1	ND	8.1	ND	19	ND	1,100	15	9.2	ND	370
2-Hexanone	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
2-Propanol (Isopropyl Alcohol)	ND	110	ND	1,300	ND	37,000	ND	790	ND	790	ND	8	ND	9.1	ND	8.1	ND	19	ND	1,100	9.2	9.2	ND	370
3-Chloro-1-propene (Allyl Chloride)	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
4-Ethyltoluene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
4-Methyl-2-pentanone	ND	11	ND	130	ND	3,700	ND	79	ND	79	2.5	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Acetone	ND	110	ND	1,300	ND	37,000	ND	790	ND	790	32	8	ND	9.1	8.5	8.1	69	19	ND	1,100	46	9.2	ND	370
Benzene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Bromodichloromethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Bromoform	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Bromomethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Carbon Disulfide	ND	110	ND	1,300	ND	37,000	ND	790	ND	790	ND	8	ND	9.1	ND	8.1	ND	19	ND	1,100	ND	9.2	ND	370
Carbon Tetrachloride	ND	2.2	ND	26	ND	730	ND	16	ND	16	0.37	0.16	0.39	0.18	0.39	0.16	0.44	0.39	ND	22	0.42	0.18	ND	7.4
Chlorobenzene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	12	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Chlorodifluoromethane (CFC 22)	ND	11	ND	130	ND	3,700	ND	79	ND	79	1.2	0.8	2.4	0.91	2.9	0.81	ND	1.9	ND	110	1.5	0.92	85	37
Chloroethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Chloroform	18	11	140	130	ND	3,700	ND	79	ND	79	ND	0.8	2.5	0.91	2.5	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Chloromethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Chloropentafluoroethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
cis-1,2-Dichloroethene	280	11	2,200	130	82,000	3,700	600	79	550	79	ND	0.8	4.4	0.91	9.5	0.81	3.3	1.9	2,000	110	2.3	0.92	340	37
cis-1,3-Dichloropropene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Cumene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Cyclohexane	ND	22	ND	260	ND	7,300	ND	160	ND	160	23	1.6	2.7	1.8	ND	1.6	6.7	3.9	ND	220	25	1.8	ND	74
Dibromochloromethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Dichlorodifluoromethane (CFC 12)	ND	11	ND	130	ND	3,700	ND	79	ND	79	1.9	0.8	1.9	0.91	1.9	0.81	2.3	1.9	ND	110	1.9	0.92	ND	37
Ethylbenzene	ND	11	ND	130	ND	3,700	ND	79	ND	79	1.4	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	1.1	0.92	ND	37
Hexachlorobutadiene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
m,p-Xylenes	ND	11	ND	130	ND	3,700	ND	79	ND	79	4.8	0.8	ND	0.91	ND	0.81	5.2	1.9	ND	110	3.5	0.92	ND	37
Methyl Acetate	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	1	0.92	ND	37
Methyl tert-Butyl Ether	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Methylcyclohexane	ND	11	ND	130	ND	3,700	ND	79	ND	79	2.5	0.8	ND	0.91	ND	0.81	2	1.9	ND	110	2.4	0.92	ND	37
Methylene Chloride	ND	11	ND	130	ND	3,700	ND	79	ND	79	1.2	0.8	ND	0.91	ND	0.81	7.3	1.9	ND	110	1.2	0.92	ND	37
n-Hexane	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
o-Xylene	ND	11	ND	130	ND	3,700	ND	79	ND	79	1.6	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	1.2	0.92	ND	37
Styrene	ND	11	ND	130	ND	3,700	ND	79	ND	79	1.2	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Tetrachloroethene	420	11	1,900	130	42,000	3,700	1,300	79	1,700	79	2.4	0.8	53	0.91	62	0.81	9	1.9	1,500	110	1.1	0.92	1,500	37
Toluene	ND	11	ND	130	ND	3,700	ND	79	ND	79	20	0.8	1.7	0.91	1.4	0.81	23	1.9	ND	110	21	0.92	ND	37
trans-1,2-Dichloroethene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
trans-1,3-Dichloropropene	ND	11	ND	130	ND	3,700	ND	79	ND	79	ND	0.8	ND	0.91	ND	0.81	ND	1.9	ND	110	ND	0.92	ND	37
Trichloroethene	1,800	2.2	18,000	26	390,000	730	11,000	16	12,000	16	1.2	0.16	120	0.18	160	0.16	8.7	0.39	13,000	22	3.6	0.18	7,300	7.4
Trichlorofluoromethane	ND	11	ND	130	ND	3,700	ND	79	ND	79	1.1	0.8	1.2	0.91	1.4	0.81	ND	1.9	ND	110	1.1	0.92	59	37
Trichlorotrifluoroethane	ND	11	180	130	180,000	3,700	130	79	81	79	ND	0.8	2.5	0.91	4.9	0.81	14	1.9	1,700	110	ND	0.92	160	37
Vinyl Chloride	ND	2.2	ND	26	ND	730	ND	16	ND	16	ND	0.16	ND	0.18	ND	0.16	ND	0.39	ND	22	ND	0.18	ND	7.4

Table 4-1 Nested Well Soil Vapor Analytical Results
Former Unisys Facility, Lake Success, New York

Sample ID:	**VP-8-5 030415**		**VP-8-10 030415**		**VP-8-20 030415**		**VP-8D-53.5 030415**		**VP-8D-62.5 030415**		**DUP 030415**		**VP-8D-72.5 030415**		**VP-104-5 031315**		**VP-104-10 031315**		**VP-104-19 031315**		**VP-104-30 031315**		**VP-104-40 031315**	
Lab ID:	**P1500923-004**		**P1500923-005**		**P1500923-006**		**P1500923-009**		**P1500923-007**		**P1500923-008**		**P1500923-003**		**P1501038-008**		**P1501038-007**		**P1501038-006**		**P1501038-005**		**P1501038-004**	
Location:	**Unoccupied Space B2**		**Unoccupied Space B2**		**Unoccupied Space B2**		**Unoccupied Space B2**		**Unoccupied Space B2**				**Unoccupied Space B2**		**Unoccupied Space C4**		**Unoccupied Space C4**		**Unoccupied Space C4**		**Unoccupied Space C4**		**Unoccupied Space C4**	
Date:	**3/4/2015**		**3/4/2015**		**3/4/2015**		**3/4/2015**		**3/4/2015**				**3/4/2015**		**3/13/2015**		**3/13/2015**		**3/13/2015**		**3/13/2015**		**3/13/2015**	
Method TO-15 VOCs (µg/m³)	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL	Result	MRL
1,1,1-Trichloroethane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,1,2,2-Tetrachloroethane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,1,2-Trichloroethane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,1-Dichloroethane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,1-Dichloroethene	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,1-Difluoroethane	2.4	0.95	3.5	0.66	11	0.72	ND	130	ND	78	ND	140	ND	73	18	0.74	12	0.8	32	0.74	24	0.83	63	0.7
1,2,4-Trichlorobenzene	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,2,4-Trimethylbenzene	1.4	0.95	3.1	0.66	2.8	0.72	ND	130	ND	78	ND	140	ND	73	2.3	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,2-Dibromo-3-chloropropane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,2-Dibromoethane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,2-Dichlorobenzene	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,2-Dichloroethane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,2-Dichloroethene, Total	ND	0.95	ND	0.66	ND	0.72	670	130	930	78	930	140	660	73	ND	0.74	ND	0.8	8	0.74	19	0.83	26	0.7
1,2-Dichloropropane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	1.2	0.7
1,3,5-Trimethylbenzene	ND	0.95	1.1	0.66	0.99	0.72	ND	130	ND	78	ND	140	ND	73	0.75	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,3-Butadiene	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,3-Dichlorobenzene	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,4-Dichlorobenzene	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
1,4-Dioxane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
2-Butanone (MEK)	ND	9.5	ND	6.6	ND	7.2	ND	1,300	ND	780	ND	1,400	ND	730	ND	7.4	ND	8	ND	7.4	ND	8.3	7.9	7
2-Hexanone	ND	0.95	2	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
2-Propanol (Isopropyl Alcohol)	ND	9.5	ND	6.6	ND	7.2	ND	1,300	ND	780	ND	1,400	ND	730	18	7.4	ND	8	ND	7.4	ND	8.3	9	7
3-Chloro-1-propene (Allyl Chloride)	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
4-Ethyltoluene	ND	0.95	0.86	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
4-Methyl-2-pentanone	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
Acetone	49	9.5	12	6.6	ND	7.2	ND	1,300	ND	780	ND	1,400	ND	730	120	7.4	21	8	ND	7.4	53	8.3	ND	7
Benzene	1.6	0.95	1.8	0.66	1	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	24	0.7
Bromodichloromethane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
Bromoform	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
Bromomethane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
Carbon Disulfide	ND	9.5	ND	6.6	ND	7.2	ND	1,300	ND	780	ND	1,400	ND	730	ND	7.4	ND	8	ND	7.4	ND	8.3	ND	7
Carbon Tetrachloride	0.4	0.19	0.37	0.13	0.42	0.14	ND	25	ND	16	ND	27	ND	15	ND	0.15	ND	0.16	ND	0.15	ND	0.17	1.9	0.14
Chlorobenzene	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
Chlorodifluoromethane (CFC 22)	ND	0.95	ND	0.66	1.1	0.72	ND	130	ND	78	ND	140	ND	73	3.6	0.74	3.2	0.8	5.2	0.74	8.3	0.83	8.2	0.7
Chloroethane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
Chloroform	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	2.7	0.74	6.2	0.83	11	0.7
Chloromethane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
Chloropentafluoroethane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
cis-1,2-Dichloroethene	ND	0.95	ND	0.66	ND	0.72	670	130	930	78	930	140	660	73	ND	0.74	ND	0.8	8	0.74	19	0.83	26	0.7
cis-1,3-Dichloropropene	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
Cumene	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
Cyclohexane	ND	1.9	ND	1.3	ND	1.4	ND	250	ND	160	ND	270	ND	150	ND	1.5	ND	1.6	2.2	1.5	ND	1.7	24	1.4
Dibromochloromethane	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
Dichlorodifluoromethane (CFC 12)	2	0.95	2	0.66	2	0.72	ND	130	ND	78	ND	140	ND	73	2.1	0.74	2.1	0.8	2.1	0.74	2.2	0.83	2.2	0.7
Ethylbenzene	ND	0.95	1.3	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	1.2	0.74	ND	0.8	ND	0.74	ND	0.83	0.77	0.7
Hexachlorobutadiene	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
m,p-Xylenes	2.3	0.95	6.9	0.66	1.5	0.72	ND	130	ND	78	ND	140	ND	73	3.6	0.74	0.8	0.8	1.3	0.74	1.2	0.83	2.1	0.7
Methyl Acetate	ND	0.95	ND	0.66	1.2	0.72	ND	130	ND	78	ND	140	ND	73	1.1	0.74	ND	0.8	ND	0.74	ND	0.83	2.1	0.7
Methyl tert-Butyl Ether	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
Methylcyclohexane	1.2	0.95	0.71	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	3.8	0.7
Methylene Chloride	5.2	0.95	4.8	0.66	2.3	0.72	ND	130	ND	78	ND	140	ND	73	6.9	0.74	7.3	0.8	5.3	0.74	5.2	0.83	7.6	0.7
n-Hexane	1.6	0.95	1.3	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	2.4	0.74	1.9	0.8	0.85	0.74	0.98	0.83	4.1	0.7
o-Xylene	1	0.95	2.7	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	1.2	0.74	ND	0.8	ND	0.74	ND	0.83	0.84	0.7
Styrene	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
Tetrachloroethene	ND	0.95	ND	0.66	0.73	0.72	780	130	1,100	78	1,100	140	910	73	ND	0.74	1.4	0.8	28	0.74	51	0.83	68	0.7
Toluene	3.3	0.95	10	0.66	2.2	0.72	ND	130	ND	78	ND	140	ND	73	12	0.74	7.4	0.8	7.9	0.74	3.8	0.83	42	0.7
trans-1,2-Dichloroethene	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
trans-1,3-Dichloropropene	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.74	ND	0.8	ND	0.74	ND	0.83	ND	0.7
Trichloroethene	ND	0.19	0.56	0.13	17	0.14	28,000	51	24,000	31	25,000	27	12,000	15	ND	0.15	ND	0.16	49	0.15	100	0.17	140	0.14
Trichlorofluoromethane	1.1	0.95	1.1	0.66	1.1	0.72	ND	130	ND	78	ND	140	ND	73	1.3	0.74	1.2	0.8	1.8	0.74	3.3	0.83	2.7	0.7
Trichlorotrifluoroethane	ND	0.95	ND	0.66	ND	0.72	130	130	190	78	200	140	140	73	ND	0.74	ND	0.8	7.3	0.74	52	0.83	19	0.7
Vinyl Chloride	ND	0.95	ND	0.66	ND	0.72	ND	130	ND	78	ND	140	ND	73	ND	0.15	ND	0.16	ND	0.15	ND	0.17	ND	0.14

Table 4-1 Nested Well Soil Vapor Analytical Results
Former Unisys Facility, Lake Success, New York

Sample ID:	VP-104-50 031315		VP-104-62 031315		VP-104-73 031315		DUP 031315	
Lab ID:	P1501038-003		P1501038-002		P1501038-001		P1501038-009	
Location:	Unoccupied Space C4		Unoccupied Space C4		Unoccupied Space C4			
Date:	3/13/2015		3/13/2015		3/13/2015			
Method TO-15 VOCs (µg/m³)	Result	MRL	Result	MRL	Result	MRL	Result	MRL
1,1,1-Trichloroethane	ND	3.1	ND	0.78	1.6 J	0.81	ND J	3.4
1,1,2,2-Tetrachloroethane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,1,2-Trichloroethane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,1-Dichloroethane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,1-Dichloroethene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,1-Difluoroethane	ND	3.1	10	0.78	ND	0.81	ND	3.4
1,2,4-Trichlorobenzene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,2,4-Trimethylbenzene	ND	3.1	1.6	0.78	0.88 J	0.81	ND J	3.4
1,2-Dibromo-3-chloropropane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,2-Dibromoethane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,2-Dichlorobenzene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,2-Dichloroethane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,2-Dichloroethene, Total	200	3.1	40	0.78	100 J	0.81	73 J	3.4
1,2-Dichloropropane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,3,5-Trimethylbenzene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,3-Butadiene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,3-Dichlorobenzene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,4-Dichlorobenzene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
1,4-Dioxane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
2,2-Dichloro-1,1,1-trifluoroethane (CFC 123)	ND	3.1	ND	0.78	ND	0.81	ND	3.4
2-Butanone (MEK)	ND	31	ND	7.8	ND	8.1	ND	34
2-Hexanone	ND	3.1	ND	0.78	ND	0.81	ND	3.4
2-Propanol (Isopropyl Alcohol)	ND	31	ND	7.8	ND	8.1	ND	34
3-Chloro-1-propene (Allyl Chloride)	ND	3.1	ND	0.78	ND	0.81	ND	3.4
4-Ethyltoluene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
4-Methyl-2-pentanone	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Acetone	ND	31	110	7.8	40 J	8.1	69 J	34
Benzene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Bromodichloromethane	ND	3.1	ND	0.78	0.96 J	0.81	ND J	3.4
Bromoform	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Bromomethane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Carbon Disulfide	ND	31	ND	7.8	ND	8.1	ND	34
Carbon Tetrachloride	ND	0.63	ND	0.16	1.3 J	0.16	ND J	0.68
Chlorobenzene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Chlorodifluoromethane (CFC 22)	190	3.1	44	0.78	ND	0.81	ND	3.4
Chloroethane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Chloroform	78	3.1	20	0.78	69 J	0.81	50 J	3.4
Chloromethane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Chloropentafluoroethane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
cis-1,2-Dichloroethene	200	3.1	40	0.78	99	0.81	73	3.4
cis-1,3-Dichloropropene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Cumene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Cyclohexane	ND	6.3	ND	1.6	1.8 J	1.6	ND J	6.8
Dibromochloromethane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Dichlorodifluoromethane (CFC 12)	ND	3.1	2.2	0.78	2.7 J	0.81	ND J	3.4
Ethylbenzene	ND	3.1	0.88	0.78	ND	0.81	ND	3.4
Hexachlorobutadiene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
m,p-Xylenes	ND	3.1	3	0.78	1.9 J	0.81	ND J	3.4
Methyl Acetate	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Methyl tert-Butyl Ether	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Methylcyclohexane	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Methylene Chloride	ND	3.1	5.9	0.78	2.3 J	0.81	4.2 J	3.4
n-Hexane	ND	3.1	2.2	0.78	1.2 J	0.81	ND J	3.4
o-Xylene	ND	3.1	0.91	0.78	ND	0.81	ND	3.4
Styrene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Tetrachloroethene	600	16	150	0.78	370 J	8.1	270 J	3.4
Toluene	3.7	3.1	12	0.78	11 J	0.81	6.2 J	3.4
trans-1,2-Dichloroethene	ND	3.1	ND	0.78	1.4 J	0.81	ND J	3.4
trans-1,3-Dichloropropene	ND	3.1	ND	0.78	ND	0.81	ND	3.4
Trichloroethene	1,300	3.1	340	1.6	930	1.6	710	0.68
Trichlorofluoromethane	26	3.1	7.5	0.78	22 J	0.81	16 J	3.4
Trichlorotrifluoroethane	110	3.1	28	0.78	93 J	0.81	67 J	3.4
Vinyl Chloride	ND	0.63	ND	0.16	ND	0.16	ND	0.68

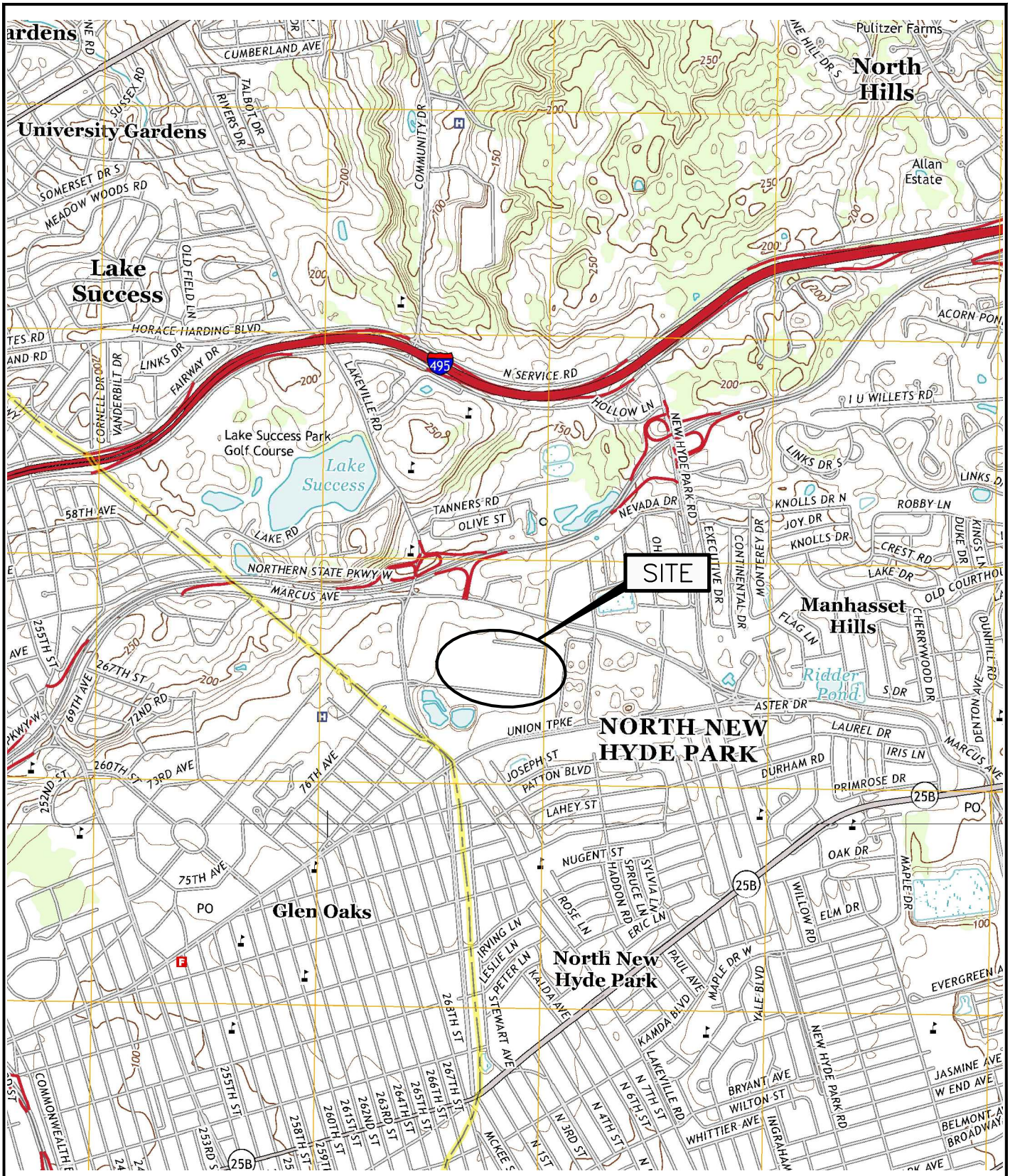
Table 4-1 Nested Well Soil Vapor Analytical Results
Former Unisys Facility, Lake Success, New York

Legends:
MRL: Method reporting limit
ND: The compound was analyzed for but not detected above the reporting limit
J: Estimated value
ug/m3: Microgram per cubic meter

FIGURES

FIGURE 1-1

Site Location Plan



0 1500 3000

SCALE (FEET)

N

MAP SOURCE:

U.S.G.S. 7.5 MINUTE SERIES QUADRANGLES OF SEA CLIFF AND LYNBROOK, N.Y., DATED 2013.

SITE LOCATION MAP
SOIL VAPOR MONITORING REPORT 2015
FORMER UNISYS FACILITY
LAKE SUCCESS, NEW YORK

URS

CLIFTON, NEW JERSEY

DR. BY	ET	SCALE AS NOTED	DWG. NO. LMC-2015-SV.30930.04	PROJ. NO. 11130930
CK'D. BY	AP	DATE JUNE 2015	FIG. NO.	1-1

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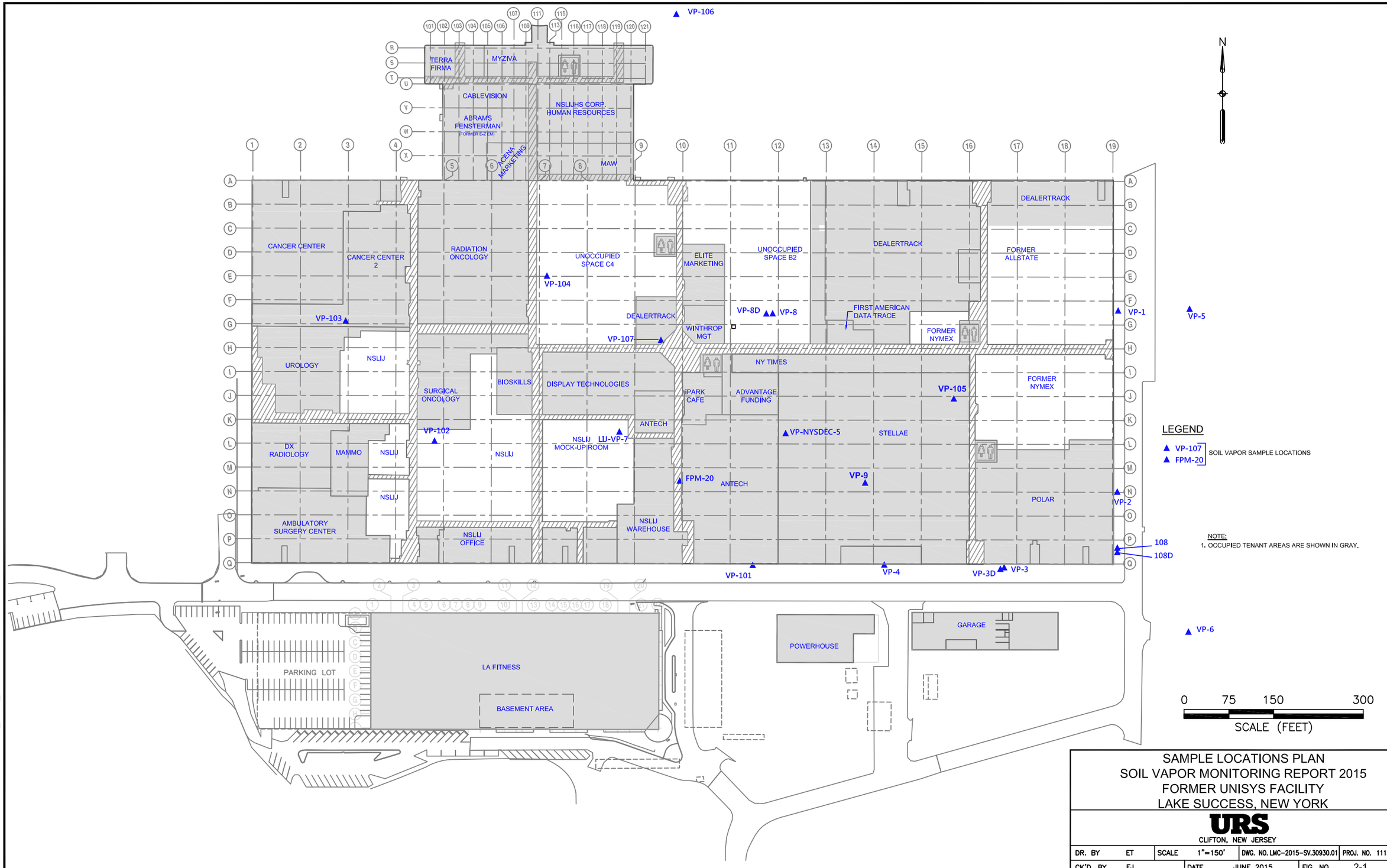
FIGURE 2-1

Site Plan Showing Sample Locations



SAMPLE LOCATIONS PLAN
SOIL VAPOR MONITORING REPORT 2015
FORMER UNISYS FACILITY
LAKE SUCCESS, NEW YORK

URS
CLIFTON, NEW JERSEY

DR. BY	ET	SCALE	1"=150'	DWG. NO. LMC-2015-SV.30930.01	PROJ. NO. 11130930
CK'D. BY	EJ	DATE	JUNE 2015	FIG. NO.	2-1

K:\Cadd\LMC\2015 SoilVapor_Vapor_Intru.Report\LMC-2015-SV.30930.01-FIG.2-1.dwg, FIG.2-1, 6/9/2015 4:40:37 PM

FIGURE 4-1

Nested Well Soil Vapor Sampling Results (2011 to 2015)

VP-107	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	32,000	26,000	1,800	3.8	0.77	180	170	10	1	3.7
10	26,000	12,000	11,000	110	320	1,400	1,300	850	4	4.1
20	13,000	8,600	17,000	6,700	92,000	1,000	2,000	1,400	63	ND
33	31,000	15,000	88,000	35,000	160,000	1,900	2,100	1,600	1	1,200
44	37,000	25,000	110,000	170,000	44,000	1,600	2,100	2,200	1	1,000
60	11,000	12,000	29,000	8,000	5,200	1,400	2,000	2,500	1,300	1,300
74	4,000	6,600	16,000	8,000	2,200	830	1,600	2,100	1,400	790

VP-106	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	120	1	NA	0.22	ND	8.7	7.4	NA	3.8	2.0
11	7	5	NA	1.9	0.36	19	15	NA	7.1	3.7
20	23	14	NA	8.7	5.6	43	25	NA	18	13
28	17	15	NA	10	10	36	31	NA	29	30
56	1,900	1,800	NA	1,200	820	550	480	NA	300	140
72	2,600	2,200	NA	2,600	1,000	680	560	NA	640	160
84	2,500	2,300	NA	2,400	950	590	500	NA	560	210

VP-104	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	250	67	NA	0.27	ND	500	110	NA	0.82	ND
10	760	690	620	0.8	ND	1,300	890	920	2.0	1.4
19	1,300	1,700	1,200	960	49	1,700	1,100	1,000	400	28
30	1,600	1,900	1,300	2,000	100	1,500	1,100	960	870	51
40	1,500	2,000	1,500	2,100	140	1,600	1,100	1,200	880	68
50	2,200	2,000	2,200	2,100	1,300	1,200	970	990	860	600
62	2,100	1,800	2,100	2,000	340	1,000	820	960	880	150
73	1,900	1,800	2,100	650	930	890	830	930	270	370

VP-8 & 8D	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	92	7	33	0.2	ND	21	1	8	1	ND
10	150	53	56	1	0.56	48	18	18	1	ND
20	350	260	240	21	17	260	200	200	2	0.73
53	120,000	68,000	73,000	45,000	28,000	2,100	1,500	1,700	1,200	780
62	88,000	45,000	48,000	42,000	24,000	2,100	1,300	1,400	1,600	1,100
72	64,000	42,000	57,000	28,000	12,000	1,700	1,500	1,700	1,500	910

VP-105	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	470	170	NA	1.8	1.2	1,500	610	NA	6.1	2.4
10	560	290	240	230	120	2,100	1,200	1,200	130	53
20	650	410	490	310	160	2,400	1,600	2,800	120	62
32	890	NA	NA	4,000	8.7	880	NA	NA	670	9.0
50	80,000	43,000	73,000	33,000	13,000	3,000	2,500	3,400	1,200	1,500
60	52,000	39,000	60,000	30,000	3.6	2,400	2,500	3,000	2,000	1.1
72	33,000	20,000	30,000	14,000	7,300	2,400	2,100	2,300	1,400	1,500

VP-103	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	52	37	NA	0.18	0.45	18	13	NA	0.83	ND
10	69	54	NA	5.9	2.4	23	18	NA	3.2	1.6
20	150	98	86	170	170	57	36	30	60	39
30	400	270	200	470	340	170	95	64	160	100
40	580	600	410	590	350	220	210	110	200	130
50	650	660	750	540	410	240	240	240	190	150
62	610	640	670	540	430	230	230	220	190	140
75	610	630	660	460	350	230	230	920	160	120

VP-1	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	10	11	NA	5	4.0	1	1	NA	1	ND
10	12	9	NA	4	2.1	1	1	NA	1	ND
20	270	110	NA	31	33	24	18	NA	5	5.2
30	650	540	NA	140	190	39	32	NA	14	18

VP-5	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	0.76	NA	NA	0.76	ND	130	NA	NA	13	ND
10	0.15	0.16	NA	0.70	ND	84	0.81	NA	24	37
20	100	66	NA	82	93	150	0.80	NA	77	82
30	120	48	NA	120	160	190	19	NA	120	150

VP-2	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	86	110	NA	10	6.5	2,300	2,200	NA	180	160
10	360	730	NA	310	120	3,500	5,500	NA	2,100	530
20	82	57	NA	160	50	240	120	NA	87	73
30	460	270	NA	260	200	530	300	NA	240	220

VP-102	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	86	54	NA	0.25	ND	290	170	NA	0.92	ND
9	120	77	NA	0.45	0.44	300	200	NA	1.0	0.76
20	620	360	120	2.4	1.4	500	390	190	3.7	2.4
51	1,200	1,000	1,200	960	630	680	450	520	470	330
58	1,200	890	1,300	890	650	610	390	560	410	350
61	1,300	190	1,300	920	650	620	450	540	450	350
74	1,100	980	1,100	890	500	660	440	470	450	320

VP-108	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	3	2	NA	2	2.0	3	2	NA	3	2.7
10	7	4	NA	3	2.5	12	9	NA	4	3.5
20	65	41	NA	8	9.2	170	100	NA	13	28
30	5,200	3,700	NA	12,000	2,600	7,000	4,600	NA	18,000	17,000
50	6,000	3,200	NA	1,500	630	3,400	4,600	NA	9,500	930
60	2,200	3,900	NA	2,500	1,500	400	640	NA	3,600	6,600
70	1,000	2,000	NA	2,100	610	270	520	NA	4,300	1,400

VP-6	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	0.52	0.89	NA	0.6	0.38	27	25	NA	14	13
10	0	0.16	NA	ND	ND	36	22	NA	7	6.0
20	14	9.2	NA	4	2.8	110	63	NA	33	25
30	57	33	NA	12	14	210	91	NA	44	53

VP-7	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	240	160	NA	1	0.44	8,700	4,900	NA	2	1.1
10	380	300	260	4	15	7,300	9,300	8,900	43	33
20	4,700	2,800	3,100	5,500	3,400	36,000	20,000	21,000	7,600	4,100
30	39,000	30,000	32,000	60,000	91,000	41,000	37,000	40,000	40,000	53,000
40	53,000	45,000	53,000	22,000	15,000	50,000	31,000	38,000	12,000	8,900
50	5,400	3,200	4,900	2,700	2,400	3,100	1,500	2,600	1,700	1,400

VP-3 & 3D	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	2	3	NA	1	ND	37	40	NA	12	ND
10	30	21	NA	6	6.8	190	130	NA	29	26
20	170	140	NA	120	87	730	620	NA	270	210
30	230	180	NA	120	ND	770	610	NA	250	ND
40	250	220	NA	110	140	870	660	NA	280	380
51	490	370	NA	240	110	1,300	870	NA	600	270
61	530	550	NA	390	300	1,400	1,100	NA	970	700
73	330	360	NA	240	380	770	670	NA	540	610

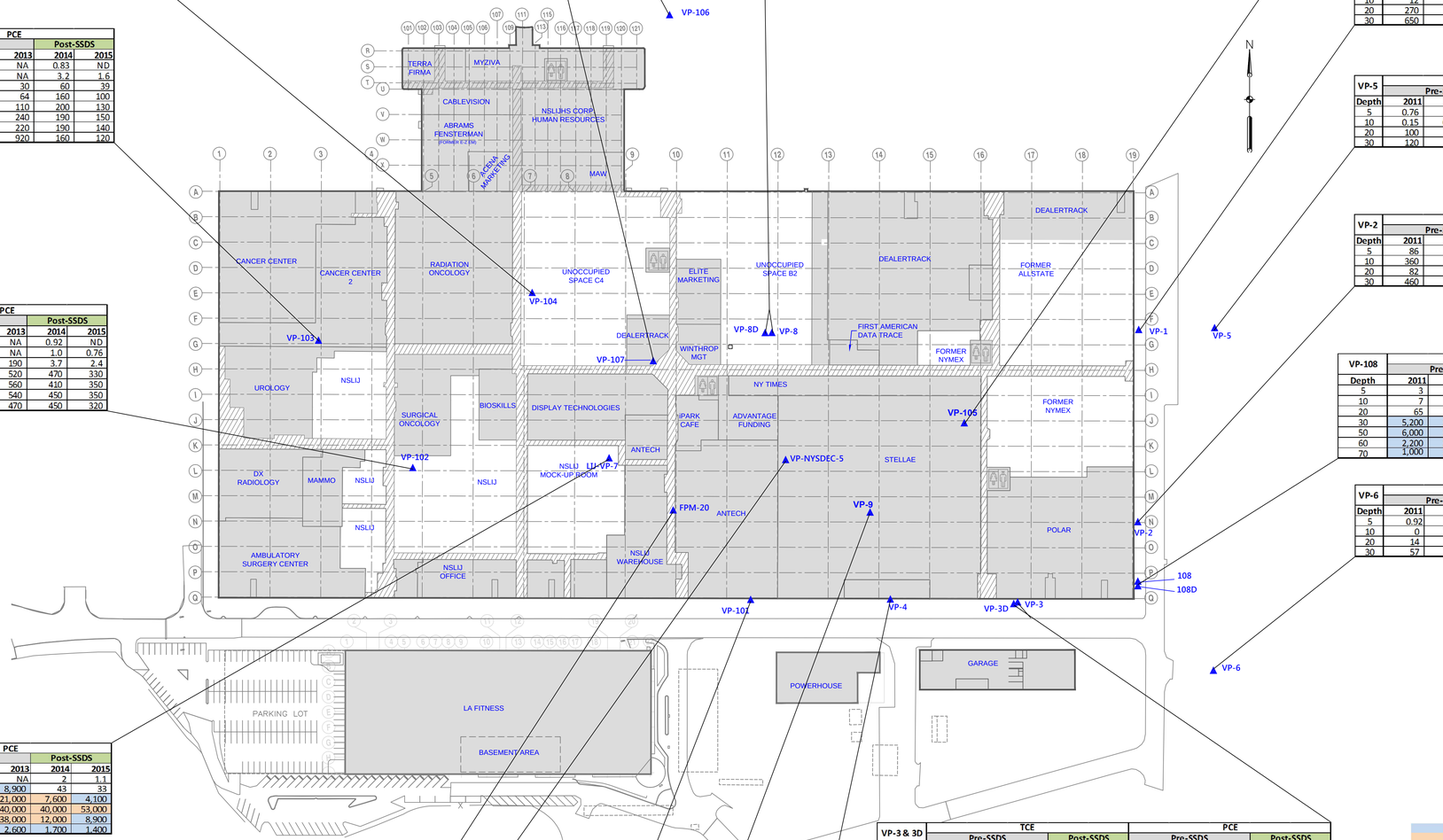
FPM-20	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	0.51	0.53	52	0.62	ND	1.2	1.3	660	0.83	ND
9	54	55	260	0.65	0.83	440	570	8,900	1.9	2.0

VP-4	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	25	30	NA	2.4	0.91	50	60	NA	13	3.0
10	51	44	NA	1.9	1.4	71	60	NA	5.4	3.0
20	170	93	NA	3.1	5.6	170	20	NA	3.1	5.6
30	650	510	NA	110	97	810	540	NA	130	96

VP-NYSDEC-5	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	210	44	250	130	8.4	11	9	12	4	6.2
10	420	220	260	8	1.2	61	23	28	2	1.4
20	31,000	16,000	19,000	1,800	1,000	2,700	1,600	1,700	160	59
30	59,000	35,000	43,000	4	92,000	2,500	2,600	3,100	6	6,000
40	72,000	50,000	84,000	170,000	96,000	8,600	6,500	8,700	11,000	6,500
50	230,000	150,000	210,000	400,000	160,000	2,200	1,100	2,000	1	830

VP-9	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
10	5,100	3,000	4,000	62	14	1,100	730	940	17	5.4
20	35,000	24,000	24,000	7,300	1,800	4,500	3,200	3,600	1,100	420
30	120,000	100,000	85,000	47,000	18,000	11,000	9,600	8,400	4,500	1,900
40	330,000	270,000	470,000	390,000	390,000	19,000	24,000	49,000	41,000	42,000
50	17,000	10,000	45,000	30,000	11,000	1,800	1,000	5,000	3,500	1,300
60	34,000	29,000	48,000	28,000	12,000	4,300	3,300	5,400	3,800	1,700

VP-101	TCE					PCE				
	Pre-SSDS			Post-SSDS		Pre-SSDS			Post-SSDS	
Depth	2011	2012	2013	2014	2015	2011	2012	2013	2014	2015
5	1.9	0.79	NA	0.17	0.32	1.4	1.5	NA	0.85	1.7
15	2.6	3.3	NA	1.4	5.7	3.1	3.4	NA	1.8	12
27	7.5	63	NA	49	40	4.3	49	NA	45	31



LEGENDS:

▲ VP-107 / FPM-20 NESTED WELL SOIL VAPOR SAMPLE LOCATIONS

PCE: TETRACHLOROETHENE

TCE: TRICHLOROETHENE

	PCE/TCE above 1,000 ug/m3
	PCE/TCE above 10,000 ug/m3
	PCE/TCE above 100,000 ug/m3
NA	Data Not Available
ND	The compound was analyzed for but not detected above the reporting limit
SSDS	Sub-Slab Depressurization System

NOTES:

1. OCCUPIED TENANT AREAS ARE SHOWN IN GRAY.
2. ALL RESULTS ARE REPORTED IN MICROGRAM PER CUBIC METER UNIT.

NESTED WELL SOIL VAPOR SAMPLING RESULTS (2011-2015)
SOIL VAPOR MONITORING REPORT 2015
FORMER UNISYS FACILITY
LAKE SUCCESS, NEW YORK

URS

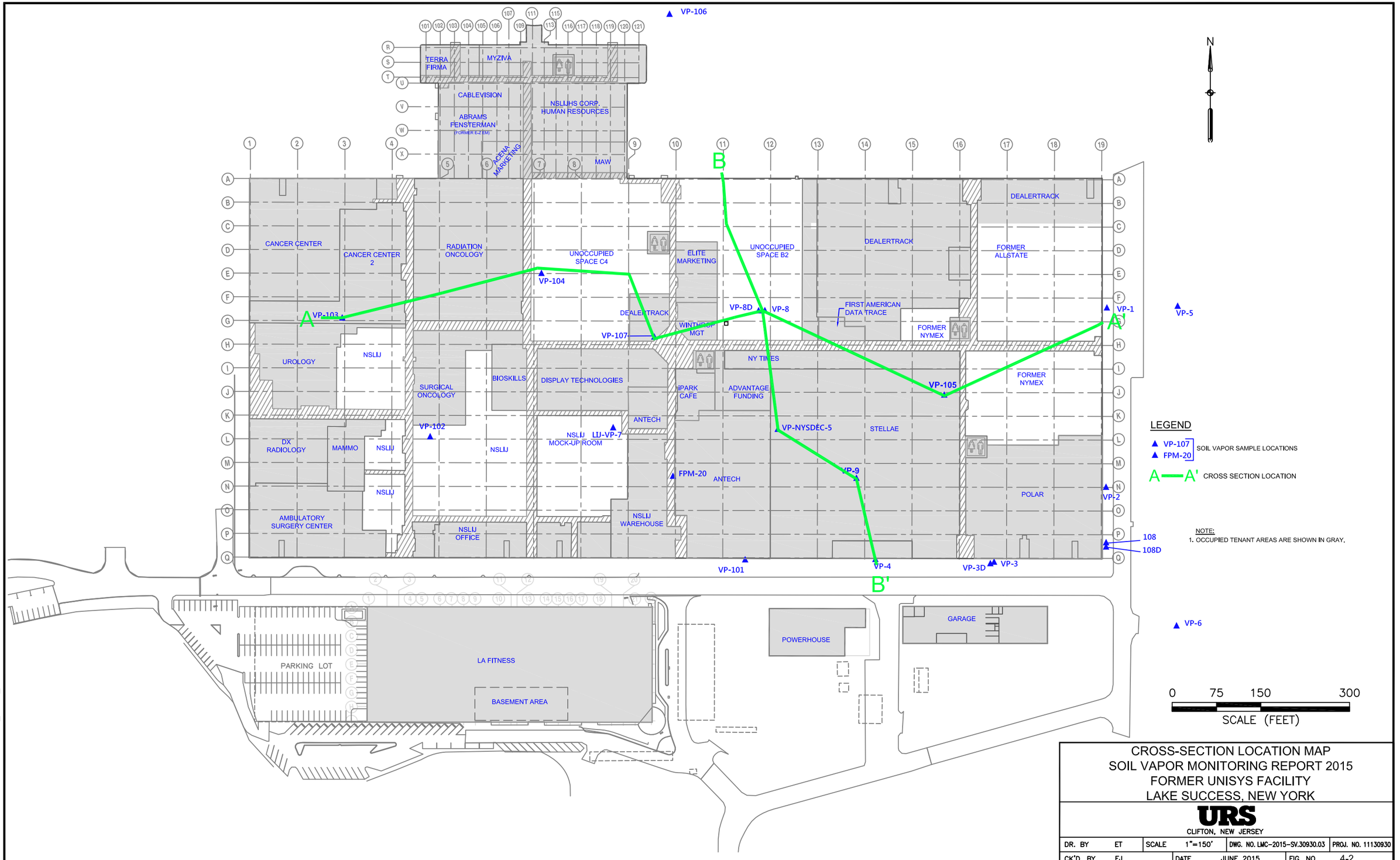
CLIFTON, NEW JERSEY

DR. BY	ET	SCALE 1" = 100'	DWG. NO. LMC-2015-SV.30930.02	PROJ. NO. 11130742	
CK'D. BY	AP	DATE JUNE 2015	FIG. NO. 4-1		

K:\Data\LMC\2015 SubVapor_Vapor_Intru Report\LMC-2015-SV.30930.02-Results-FIG-4-1.dwg, FIG 4-1, 7/1/2015 8:16:46 AM

FIGURE 4-2

Cross-Section Location Map



CROSS-SECTION LOCATION MAP
SOIL VAPOR MONITORING REPORT 2015
FORMER UNISYS FACILITY
LAKE SUCCESS, NEW YORK

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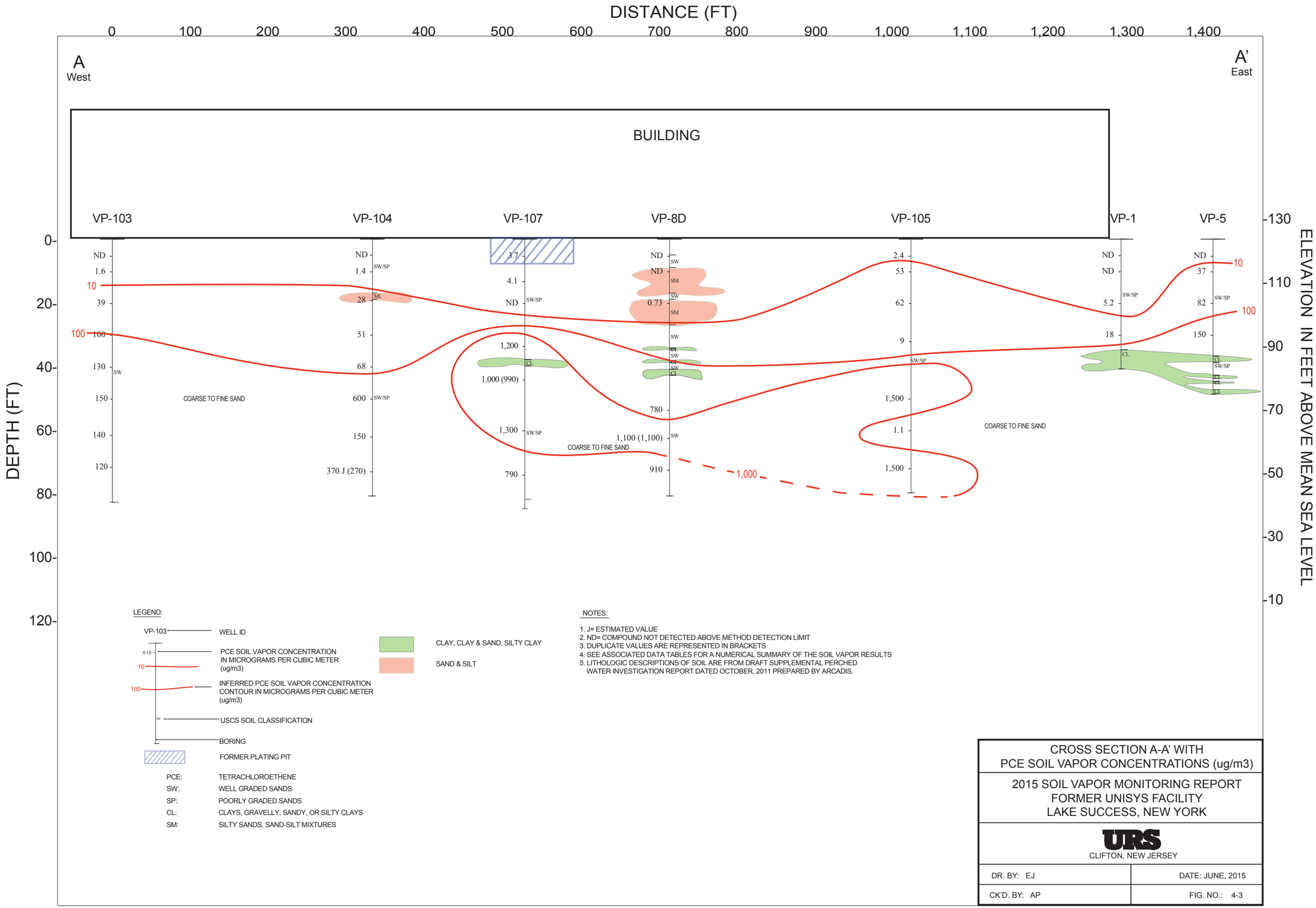
CLIFTON, NEW JERSEY

DR. BY	ET	SCALE	1"=150'	DWG. NO. LMC-2015-SV.30930.03	PROJ. NO. 11130930
CK'D. BY	EJ	DATE	JUNE 2015	FIG. NO.	4-2

K:\Cadd\LMC\2015 SoilVapor_Vapor_Intru.Report\LMC-2015-SV.30930.03-Sections-FIG.4-2.dwg, FIG.4-2, 6/9/2015 4:40:04 PM

FIGURE 4-3

Cross-Section A-A' with PCE Soil Vapor Concentrations



LEGEND:

- VP-103 — WELL ID
- 0.18 / 10 / 100 — PCE SOIL VAPOR CONCENTRATION IN MICROGRAMS PER CUBIC METER (ug/m3); INFERRED PCE SOIL VAPOR CONCENTRATION CONTOUR IN MICROGRAMS PER CUBIC METER (ug/m3)
- SW — USCS SOIL CLASSIFICATION
- BORING
- FORMER PLATING PIT
- CLAY, CLAY & SAND, SILTY CLAY
- SAND & SILT

PCE: TETRACHLOROETHENE
SW: WELL GRADED SANDS
SP: POORLY GRADED SANDS
CL: CLAYS, GRAVELLY, SANDY, OR SILTY CLAYS
SM: SILTY SANDS, SAND-SILT MIXTURES

NOTES:

1. J= ESTIMATED VALUE
2. ND= COMPOUND NOT DETECTED ABOVE METHOD DETECTION LIMIT
3. DUPLICATE VALUES ARE REPRESENTED IN BRACKETS
4. SEE ASSOCIATED DATA TABLES FOR A NUMERICAL SUMMARY OF THE SOIL VAPOR RESULTS
5. LITHOLOGIC DESCRIPTIONS OF SOIL ARE FROM DRAFT SUPPLEMENTAL PERCHED WATER INVESTIGATION REPORT DATED OCTOBER, 2011 PREPARED BY ARCADIS.

CROSS SECTION A-A' WITH PCE SOIL VAPOR CONCENTRATIONS (ug/m3)

2015 SOIL VAPOR MONITORING REPORT
FORMER UNISYS FACILITY
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CLIFTON, NEW JERSEY

DR. BY: EJ	DATE: JUNE, 2015
CK'D. BY: AP	FIG. NO.: 4-3

FIGURE 4-4

Cross-Section A-A’ with TCE Soil Vapor Concentrations

DISTANCE (FT)

0 100 200 300 400 500 600 700 800 900 1,000 1,100 1,200 1,300 1,400

A
West

A'
East

BUILDING

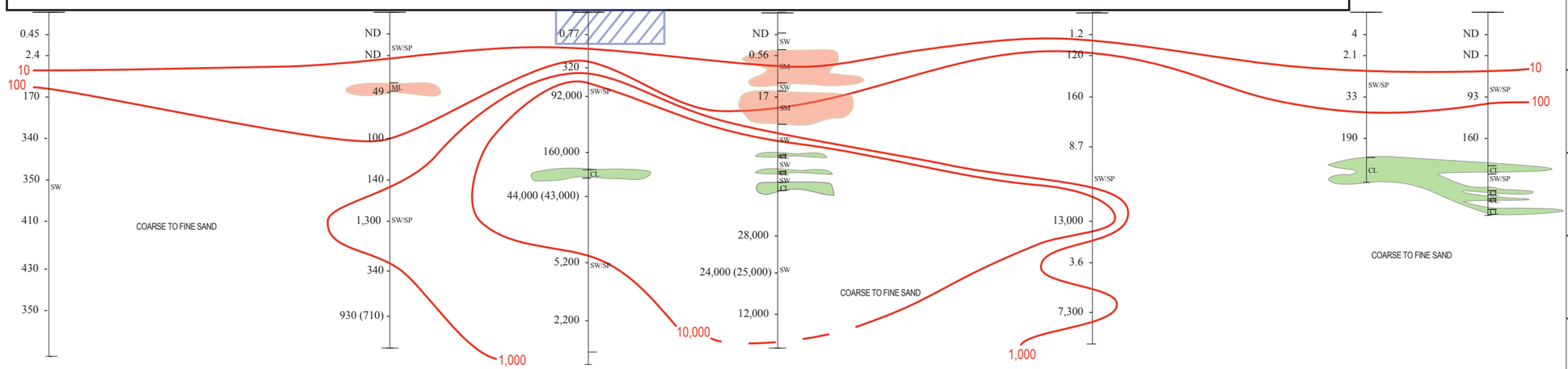
VP-103 VP-104 VP-107 VP-8D VP-105 VP-1 VP-5

DEPTH (FT)

0 20 40 60 80 100 120

ELEVATION IN FEET ABOVE MEAN SEA LEVEL

130 110 90 70 50 30 10



LEGEND:

- VP-103 — WELL ID
- 0.18 — TCE SOIL VAPOR CONCENTRATION IN MICROGRAMS PER CUBIC METER (ug/m3)
- 10 — INFERRED TCE SOIL VAPOR CONCENTRATION CONTOUR IN MICROGRAMS PER CUBIC METER (ug/m3)
- 100
- sw — USCS SOIL CLASSIFICATION
- BORING
- FORMER PLATING PIT
- CLAY, CLAY & SAND, SILTY CLAY
- SAND & SILT

TCE: TRICHLOROETHENE
SW: WELL GRADED SANDS
SP: POORLY GRADED SANDS
CL: CLAYS, GRAVELLY, SANDY, OR SILTY CLAYS
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5. LITHOLOGIC DESCRIPTIONS OF SOIL ARE FROM DRAFT SUPPLEMENTAL PERCHED WATER INVESTIGATION REPORT DATED OCTOBER, 2011 PREPARED BY ARCADIS.

CROSS SECTION A-A' WITH
TCE SOIL VAPOR CONCENTRATIONS (ug/m3)

2015 SOIL VAPOR MONITORING REPORT
FORMER UNISYS FACILITY
LAKE SUCCESS, NEW YORK

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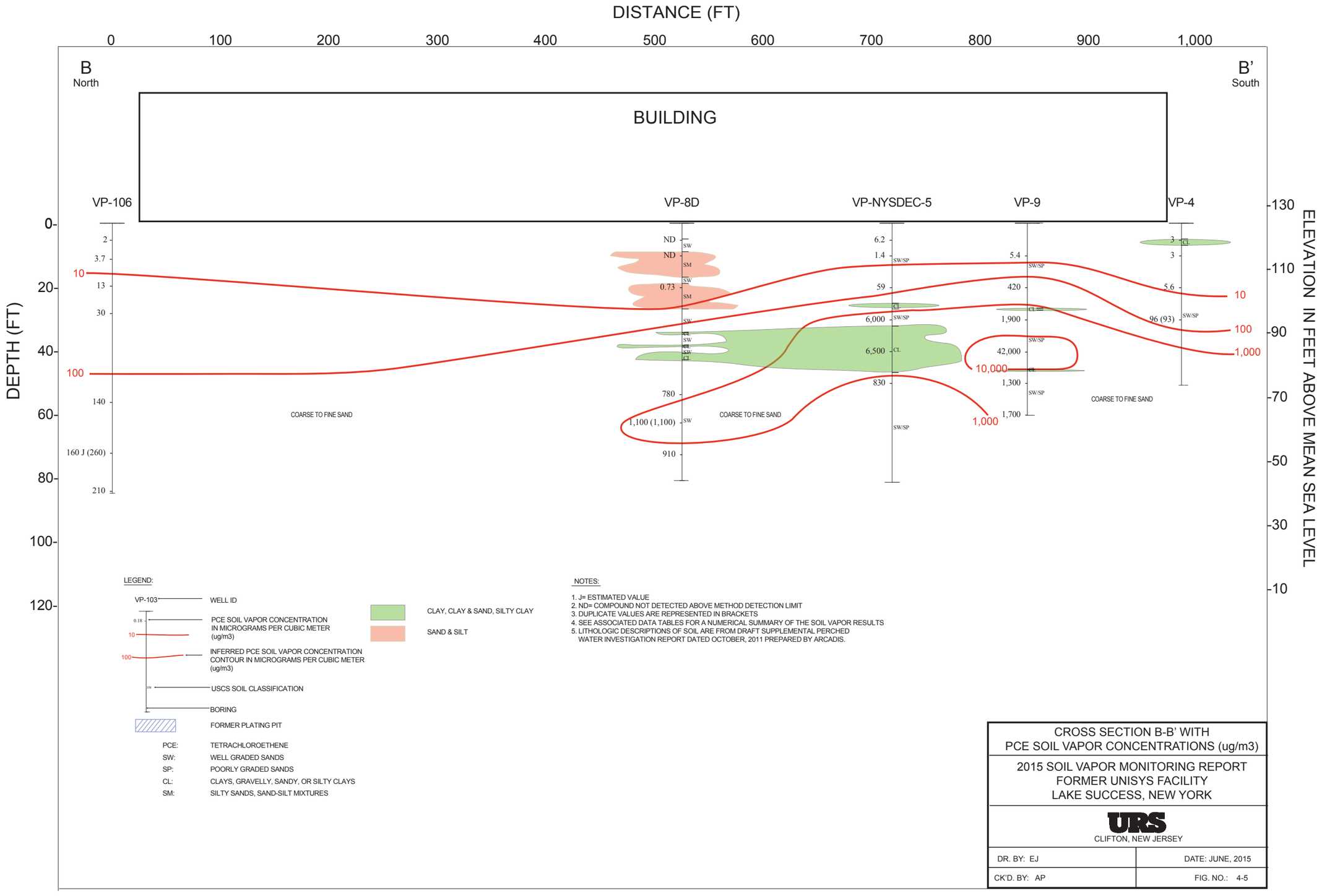
CLIFTON, NEW JERSEY

DR. BY: EJ	DATE: JUNE, 2015
CK'D. BY: AP	FIG. NO.: 4-4

FIGURE 4-5

Cross-Section B-B' with PCE Soil Vapor Concentrations



LEGEND:

- VP-103 — WELL ID
- 0.18 — PCE SOIL VAPOR CONCENTRATION IN MICROGRAMS PER CUBIC METER (ug/m3)
- 10 — INFERRED PCE SOIL VAPOR CONCENTRATION CONTOUR IN MICROGRAMS PER CUBIC METER (ug/m3)
- SW — USCS SOIL CLASSIFICATION
- BORING
- FORMER PLATING PIT

CLAY, CLAY & SAND, SILTY CLAY

SAND & SILT

PCE: TETRACHLOROETHENE
SW: WELL GRADED SANDS
SP: POORLY GRADED SANDS
CL: CLAYS, GRAVELLY, SANDY, OR SILTY CLAYS
SM: SILTY SANDS, SAND-SILT MIXTURES

NOTES:

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2. ND= COMPOUND NOT DETECTED ABOVE METHOD DETECTION LIMIT
3. DUPLICATE VALUES ARE REPRESENTED IN BRACKETS
4. SEE ASSOCIATED DATA TABLES FOR A NUMERICAL SUMMARY OF THE SOIL VAPOR RESULTS
5. LITHOLOGIC DESCRIPTIONS OF SOIL ARE FROM DRAFT SUPPLEMENTAL PERCHED WATER INVESTIGATION REPORT DATED OCTOBER, 2011 PREPARED BY ARCADIS.

CROSS SECTION B-B' WITH PCE SOIL VAPOR CONCENTRATIONS (ug/m3)

2015 SOIL VAPOR MONITORING REPORT
FORMER UNISYS FACILITY
LAKE SUCCESS, NEW YORK

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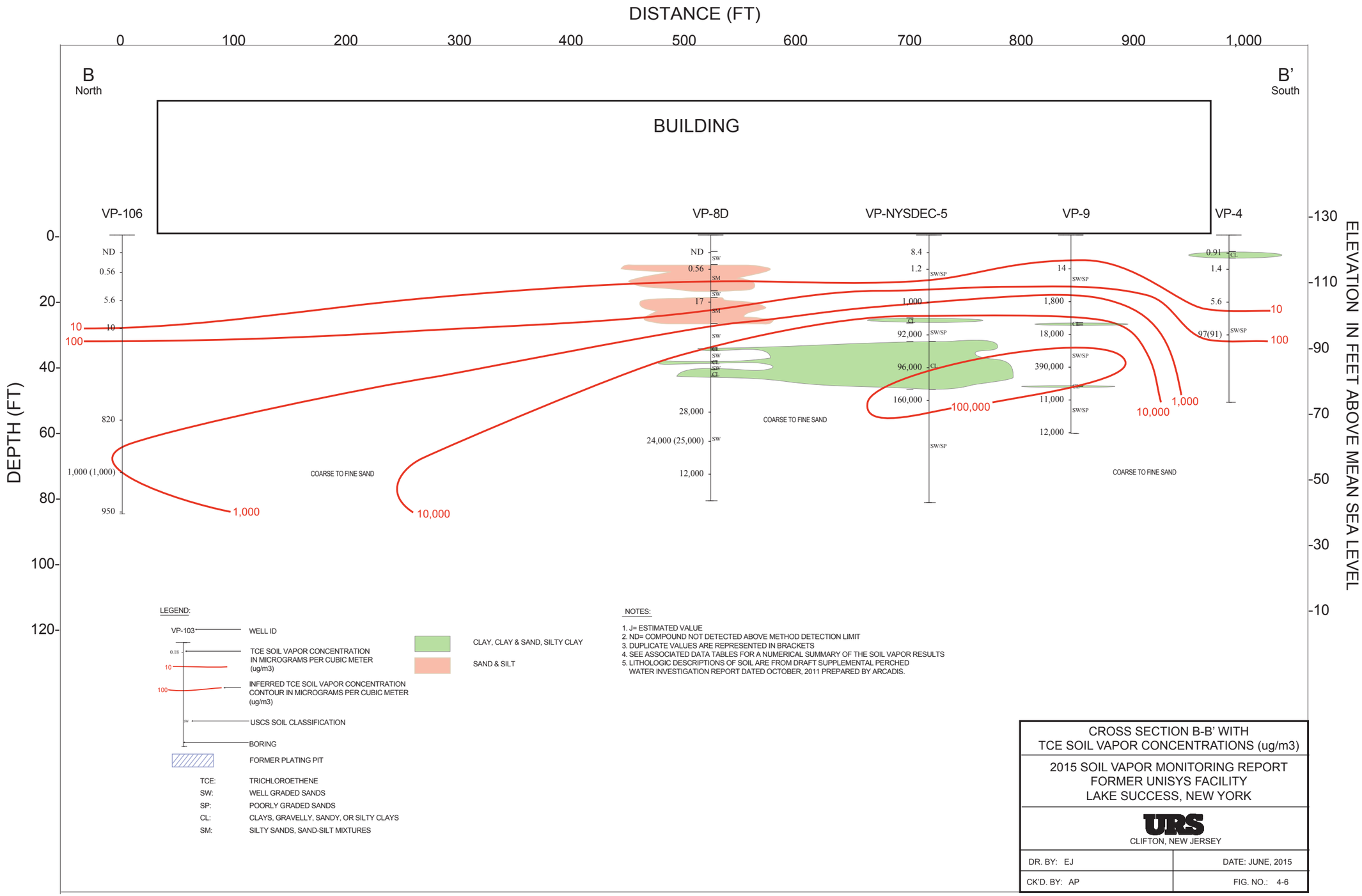
CLIFTON, NEW JERSEY

DR. BY: EJ	DATE: JUNE, 2015
CK'D. BY: AP	FIG. NO.: 4-5

FIGURE 4-6

Cross-Section B-B' with TCE Soil Vapor Concentrations



LEGEND:

- VP-103 — WELL ID
- 0.18 — TCE SOIL VAPOR CONCENTRATION IN MICROGRAMS PER CUBIC METER (ug/m3)
- 10 — INFERRED TCE SOIL VAPOR CONCENTRATION CONTOUR IN MICROGRAMS PER CUBIC METER (ug/m3)
- SW — USCS SOIL CLASSIFICATION
- BORING
- FORMER PLATING PIT
- CLAY, CLAY & SAND, SILTY CLAY
- SAND & SILT

TCE: TRICHLOROETHENE
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5. LITHOLOGIC DESCRIPTIONS OF SOIL ARE FROM DRAFT SUPPLEMENTAL PERCHED WATER INVESTIGATION REPORT DATED OCTOBER, 2011 PREPARED BY ARCADIS.

CROSS SECTION B-B' WITH TCE SOIL VAPOR CONCENTRATIONS (ug/m3)

2015 SOIL VAPOR MONITORING REPORT
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CLIFTON, NEW JERSEY

DR. BY: EJ	DATE: JUNE, 2015
CK'D. BY: AP	FIG. NO.: 4-6

APPENDIX A

Nested Well Soil Vapor Analytical Laboratory Reports and Data Validation Forms *(Provided on a CD)*