

APPENDIX B:
ANALYSIS OF HOMES WITH LOW RISK

ANALYSIS FOR [REDACTED]
SAMPLE ID S4

EXHIBIT 1
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S4-VMP, WEEK 3

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	3.7	1.7E-06
Chloromethane	15.5	1.1E-06
Cumulative Cancer Risk		2.8E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	25.5	0.00049
Acetone	70.8	0.00022
Cumulative Hazard Index		0.00071

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	19.0
Isopropyl alcohol	7.5
Propene	3.5
2-Hexanone (MBK)	2.0
4-Methyl-2-pentanone (MIBK)	1.6
Carbon disulfide	1.3
Chloroethane	3.4
Dichlorodifluoromethane (Freon12)	2.3

EXHIBIT 2
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S4-INA, WEEK 3

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	423.9	1.9E-03
Benzene	2.1	6.8E-06
Chloroform	1.6	1.5E-05
Chloromethane	2.0	1.4E-06
Methylene chloride	1.1	2.1E-07
Naphthalene	14.8	2.1E-04
Tetrachloroethene	2.5	6.1E-06
Cumulative Cancer Risk		2.2E-03
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.9	0.00037
Acetone	40.4	0.00126
Ethyl acetate	3.4	0.00102
Hexane	2.0	0.00270
Toluene	12.4	0.00242
Xylene	2.3	0.02059
Cumulative Hazard Index		0.02837

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	914.5
Isopropyl alcohol	154.6
n-Heptane	1.2
Dichlorodifluoromethane (Freon12)	2.5
Trichlorofluoromethane (Freon 11)	3.3

EXHIBIT 3
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB VAPOR SAMPLES:
Q1-S4-VMP/Q1-S4-IMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	423.9	3.7	115.6
2-Butanone (MEK)	1.9	25.5	0.1
2-Hexanone (MBK)	NA	2.0	
4-Methyl-2-pentanone (MIBK)	NA	1.6	
Acetone	40.4	70.8	0.6
Benzene	2.1	NA	
Carbon disulfide	NA	1.3	
Chloroethane	NA	3.4	
Chloroform	1.6	NA	
Chloromethane	2.0	15.5	0.1
Dichlorodifluoromethane (Freon12)	2.5	2.3	1.1
Ethanol	914.5	19.0	48.0
Ethyl acetate	3.4	NA	
Hexane	2.0	NA	
Isopropyl alcohol	154.6	7.5	20.7
m,p-Xylene	2.3	NA	
Methylene chloride	1.1	NA	
Naphthalene	14.8	NA	
n-Heptane	1.2	NA	
Propene	NA	3.5	
Tetrachloroethene	2.5	NA	
Toluene	12.4	NA	
Trichlorofluoromethane (Freon 11)	3.3	NA	

ANALYSIS FOR [REDACTED]
SAMPLE ID S7

EXHIBIT 4
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S7-VMP, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	1.3	6.0E-07
Chloroform	0.7	6.2E-07
Tetrachloroethene	23.5	5.7E-06
Cumulative Cancer Risk		6.9E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.9	0.00004
Acetone	19.1	0.00006
Ethyl acetate	3.4	0.00010
Toluene	1.9	0.00004
Xylene	0.8	0.00071
Cumulative Hazard Index		0.00095

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
2-Hexanone (MBK)	0.4
Ethanol	13.2
Isopropyl alcohol	1.2
Dichlorodifluoromethane (Freon12)	1.3
Trichlorofluoromethane (Freon 11)	3.3

EXHIBIT 5
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S7-INA, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	36.9	1.7E-04
Benzene	5.7	1.8E-05
Chloromethane	1.9	1.3E-06
Tetrachloroethene	7.0	1.7E-05
Cumulative Cancer Risk		2.0E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.5	0.00048
Acetone	63.4	0.00198
Cyclohexane	4.2	0.00068
Ethyl acetate	8.8	0.00267
Hexane	13.7	0.01884
Toluene	11.0	0.00216
Xylene	2.8	0.02534
Cumulative Hazard Index		0.05214

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	2.1
Ethanol	1,282.1
Isopropyl alcohol	131.3
n-Heptane	6.2

EXHIBIT 6
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S7-INA /Q1- S7-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	36.9	1.3	27.9
2-Butanone (MEK)	2.5	ND	
2-Butanone (MEK)	ND	1.9	
2-Hexanone (MBK)	ND	0.4	
Acetone	63.5	19.1	3.3
Benzene	5.7	ND	
Chloroform	ND	0.7	
Chloromethane	1.9	ND	
Cyclohexane	4.2	ND	
Dichlorodifluoromethane (Freon12)	2.1	1.3	1.6
Ethanol	1282.1	13.2	97.0
Ethyl acetate	8.8	3.4	2.6
Hexane	13.8	ND	
Isopropyl alcohol	131.3	1.2	109.2
m,p-Xylene	2.8	0.8	3.6
n-Heptane	6.2	ND	
Tetrachloroethene	7.0	23.5	0.3
Toluene	11.0	1.9	5.8
Trichlorofluoromethane (Freon 11)	ND	3.3	

ANALYSIS FOR [REDACTED]
SAMPLE ID S8

EXHIBIT 7
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S8-VMP, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.8	3.6E-07
Benzene	0.6	1.9E-07
Tetrachloroethene	1.1	2.6E-07
Tetrahydrofuran	0.3	3.2E-08
Cumulative Cancer Risk		8.4E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,3-Dichlorobenzene	0.7	0.00604
2-Butanone (MEK)	3.2	0.00006
Acetone	11.2	0.00004
Ethyl acetate	0.5	0.00002
Toluene	2.7	0.00005
Xylene	0.6	0.00055
Cumulative Hazard Index		0.00676

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	0.4
Dichlorodifluoromethane (Freon12)	2.1
Trichlorofluoromethane (Freon 11)	1.6
2-Hexanone (MBK)	0.5
Ethanol	6.4
Isopropyl alcohol	1.2

EXHIBIT 8
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S8-INA, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	3.6	1.6E-05
Benzene	1.2	4.0E-06
Chloromethane	1.3	9.1E-07
Methylene chloride	24.8	4.8E-06
Cumulative Cancer Risk		2.6E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	8.2	0.00157
1,2,4-Trimethylbenzene	1.5	0.20877
2-Butanone (MEK)	1.9	0.00036
Acetone	14.1	0.00044
Cyclohexane	1.2	0.00019
Ethyl acetate	4.0	0.00121
Hexane	3.5	0.00483
Toluene	6.3	0.00124
Xylene	2.6	0.02415
Cumulative Hazard Index		0.24275

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	3.2
Trichlorofluoromethane (Freon 11)	1.7
Ethanol	288.5
Isopropyl alcohol	22.6
n-Heptane	1.6

EXHIBIT 9
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
Q1-S8-INA/Q1-S8-VMP

Chemical	Indoor Air Concentration (µg/m³)	Sub-Slab Concentration (µg/m³)	Ratio: Indoor Air/ Sub-Slab
1,1,1-Trichloroethane	8.2	ND	
1,2,4-Trimethylbenzene	1.5	ND	
1,3-Dichlorobenzene	ND	0.7	
1,4-Dichlorobenzene	3.6	0.8	4.6
2-Butanone (MEK)	1.9	ND	
2-Butanone (MEK)	ND	3.2	
2-Hexanone (MBK)	ND	0.5	
Acetone	14.1	11.2	1.3
Benzene	1.2	0.6	2.2
Chloromethane	1.3	ND	
Cyclohexane	1.2	ND	
Dichlorodifluoromethane (Freon12)	3.2	2.1	1.5
Ethanol	288.5	6.5	44.7
Ethyl acetate	4.0	0.5	7.3
Hexane	3.5	ND	
Isopropyl alcohol	22.6	1.2	19.6
m,p-Xylene	2.6	0.6	4.4
Methylene chloride	24.8	ND	
n-Heptane	1.6	0.4	3.8
Tetrachloroethene	ND	1.1	
Tetrahydrofuran	ND	0.3	
Toluene	6.3	2.7	2.3
Toluene	ND	ND	
Trichlorofluoromethane (Freon 11)	1.7	1.6	1.1

ANALYSIS FOR [REDACTED]
SAMPLE ID S17

EXHIBIT 10
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S17-VMP, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Chloromethane	0.8	6.0E-08
Cumulative Cancer Risk		6.0E-08
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	8.3	0.00003
Cumulative Hazard Index		0.00003

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	3.7
Isopropyl alcohol	3.5

EXHIBIT 11
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S17-INA, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.5	4.7E-07
Chloromethane	1.6	1.2E-07
Methylene chloride	1.2	2.3E-08
Naphthalene	22.5	3.1E-05
Cumulative Cancer Risk		3.2E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	17.3	0.00005
Toluene	6.3	0.00012
Xylenes	1.8	0.00166
Cumulative Hazard Index		0.00184

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	9.8
n-Heptane	1.5
Ethanol	280.9

EXHIBIT 12
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB VAPOR SAMPLES
 Q1-S17-INA/Q1-S17-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
Benzene	1.5	ND	
Chloromethane	1.6	0.8	2.0
Methylene chloride	1.2	ND	
Naphthalene	22.5	ND	
Acetone	17.3	8.3	2.1
Toluene	6.3	ND	
Xylenes	1.8	ND	
Isopropyl alcohol	9.8	3.5	2.8
n-Heptane	1.5	ND	
Ethanol	280.9	3.7	75.9

ANALYSIS FOR [REDACTED]
SAMPLE ID S21

EXHIBIT 13
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S21-VMP1, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.6	2.7E-07
Tetrachloroethene	0.8	2.0E-07
Cumulative Cancer Risk		4.7E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	0.9	0.00002
Acetone	4.6	0.00001
Ethyl acetate	0.5	0.00002
Toluene	0.6	0.00001
Xylene	0.4	0.00040
Cumulative Hazard Index		0.00045

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Trichlorofluoromethane (Freon 11)	1.4
Ethanol	3.4
Isopropyl alcohol	1.7
Dichlorodifluoromethane (Freon12)	1.5

EXHIBIT 14
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S21-INA, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	27.4	1.2E-04
Benzene	4.6	1.5E-05
Chloromethane	4.2	3.0E-06
Ethylbenzene	1.5	1.5E-06
Naphthalene	14.6	2.0E-04
Cumulative Cancer Risk		3.5E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	2.2	0.30305
2-Butanone (MEK)	3.7	0.00070
Acetone	44.2	0.00138
Cyclohexane	1.2	0.00020
Hexane	5.4	0.00734
Toluene	11.4	0.00223
Xylenes	5.8	0.05305
Cumulative Hazard Index		0.36796

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	2.6
Trichlorofluoromethane (Freon 11)	4.0
Ethanol	482.7
Isopropyl alcohol	27.7
n-Heptane	2.6

EXHIBIT 15
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
Q1-S21-IND/Q1-S21-VMP1

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	2.2	ND	
1,4-Dichlorobenzene	27.4	0.6	45.6
2-Butanone (MEK)	3.7	0.9	4.1
Acetone	44.2	4.6	9.6
Benzene	4.6	ND	
Chloromethane	4.2	ND	
Cyclohexane	1.2	ND	
Dichlorodifluoromethane (Freon12)	2.6	1.5	1.8
Ethanol	482.7	3.4	140.7
Ethyl acetate	ND	0.5	
Ethylbenzene	1.5	ND	
Hexane	5.4	ND	
Isopropyl alcohol	27.7	1.7	16.4
m,p-Xylene	4.4	0.4	10.2
Naphthalene	14.6	ND	
n-Heptane	2.6	ND	
o-Xylene	1.4	ND	
Tetrachloroethene	ND	0.8	
Toluene	11.4	0.6	18.9
Trichlorofluoromethane (Freon 11)	4.1	1.4	2.9

ANALYSIS FOR [REDACTED]
SAMPLE ID S41

EXHIBIT 16
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S41-VMP, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	1.8	8.2E-07
Benzene	1.5	4.9E-07
Chloromethane	0.4	2.5E-08
Tetrachloroethene	2.6	6.3E-07
Tetrahydrofuran	0.9	9.9E-08
Cumulative Cancer Risk		2.1E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.7	0.00005
Acetone	22.2	0.00007
Ethyl acetate	0.5	0.00002
Hexane	0.4	0.00005
Toluene	1.1	0.00002
Xylene	0.9	0.00079
Cumulative Hazard Index		0.00100

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
1,2-Dichlorotetrafluoroethane (Freon 114)	1.8
Dichlorodifluoromethane (Freon12)	1.3
Trichlorofluoromethane (Freon 11)	2.5
2-Hexanone (MBK)	1.0
Ethanol	5.0
Isopropyl alcohol	3.3
n-Heptane	0.7

EXHIBIT 17
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S41-INA, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	10.0	4.5E-05
Benzene	1.6	5.0E-06
Chloromethane	1.7	1.2E-06
Naphthalene	10.7	1.5E-04
Cumulative Cancer Risk		2.0E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.8	0.00034
Ethyl acetate	4.9	0.00149
Hexane	1.4	0.00193
Toluene	3.8	0.00074
Xylene	1.5	0.01346
Cumulative Hazard Index		0.01797

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	205.6
n-Heptane	1.6
1,2-Dichlorotetrafluoroethane (Freon 114)	15.6
Dichlorodifluoromethane (Freon12)	29.4
Trichlorofluoromethane (Freon 11)	17.2
Ethanol	724.0

EXHIBIT 18
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S41-IND/Q1-S41-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2-Dichlorotetrafluoroethane (Freon	15.6	1.8	8.6
1,4-Dichlorobenzene	10.0	1.8	5.5
2-Butanone (MEK)	1.8	2.7	0.7
2-Hexanone (MBK)	ND	1.0	
Acetone	ND	22.2	
Benzene	1.6	1.5	1.0
Chloromethane	1.7	0.4	4.8
Dichlorodifluoromethane (Freon12)	29.4	1.3	22.9
Ethanol	724.0	5.0	144.4
Ethyl acetate	4.9	0.5	9.7
Hexane	1.4	0.4	3.6
Isopropyl alcohol	205.6	3.3	62.1
m,p-Xylene	1.5	0.9	1.7
Naphthalene	10.7	ND	
n-Heptane	1.6	0.7	2.4
Tetrachloroethene	ND	2.6	
Tetrahydrofuran	ND	0.9	
Toluene	3.8	1.1	3.6
Trichlorofluoromethane (Freon 11)	17.2	2.5	6.8

ANALYSIS FOR [REDACTED]
SAMPLE ID S48

EXHIBIT 19
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S48-VMP, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.6	2.1E-07
Chloromethane	0.2	1.6E-08
Tetrachloroethene	2.3	5.6E-07
Cumulative Cancer Risk		7.8E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.9	0.00004
Acetone	16.8	0.00005
Toluene	0.5	0.00001
Cumulative Hazard Index		

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	6.6
Dichlorodifluoromethane (Freon12)	1.4
Trichlorofluoromethane (Freon 11)	1.3
2-Hexanone (MBK)	0.9
Ethanol	5.7

EXHIBIT 20
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S48-INA, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	28.4	1.3E-04
Benzene	1.4	4.5E-06
Chloromethane	1.7	1.2E-06
Cumulative Cancer Risk		1.3E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Hexane	1.5	0.00208
Toluene	3.8	0.00074
Xylene	1.3	0.01188
2-Butanone (MEK)	1.3	0.00025
Acetone	15.5	0.00048
Ethyl acetate	1.2	0.00036
Cumulative Hazard Index		0.01579

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	509.1
Isopropyl alcohol	38.8
Dichlorodifluoromethane (Freon12)	2.1

EXHIBIT 21
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S48-IND/Q1-S48-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	28.4	ND	
2-Butanone (MEK)	1.3	1.9	0.7
2-Hexanone (MBK)	ND	0.9	
Acetone	15.5	16.8	0.9
Benzene	1.4	0.6	2.2
Chloromethane	1.7	0.2	7.4
Dichlorodifluoromethane (Freon12)	2.1	1.4	1.5
Ethanol	509.1	5.7	90.0
Ethyl acetate	1.2	ND	
Hexane	1.5	ND	
Isopropyl alcohol	38.8	6.6	5.9
m,p-Xylene	1.3	2.3	0.6
Toluene	3.8	0.5	8.3
Trichlorofluoromethane (Freon 11)	ND	1.3	

ANALYSIS FOR [REDACTED]
SAMPLE ID S52

EXHIBIT 22
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q2-S52-VMP, WEEK 22

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	7.3	3.3E-06
Carbon tetrachloride	0.6	3.9E-07
Chloromethane	0.3	1.9E-08
Tetrachloroethene	1.6	4.0E-07
Cumulative Cancer Risk		4.1E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Toluene	2.0	0.00004
2-Butanone (MEK)	4.0	0.00008
Acetone	11.2	0.00003
Ethyl acetate	1.9	0.00006
Cumulative Hazard Index		0.00021

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	3.8
Propene	0.8
Dichlorodifluoromethane (Freon 12)	4.3
Trichlorofluoromethane (Freon 11)	2.3
2-Hexanone (MBK)	0.5

EXHIBIT 23
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q2-S52-INA, WEEK 22

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	1,653.4	7.5E-03
Benzene	1.3	4.1E-06
Chloroform	7.4	6.8E-05
Chloromethane	1.9	1.4E-06
Ethylbenzene	1.3	1.3E-06
Methylene chloride	4.4	8.4E-07
Tetrachloroethene	2.0	4.8E-06
Cumulative Cancer Risk		7.6E-03
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	2.2	0.30305
2-Butanone (MEK)	11.9	0.00230
Acetone	88.6	0.00277
Ethyl acetate	51.5	0.01569
Styrene	4.8	0.00456
Toluene	9.1	0.00177
Xylenes	5.3	0.04830
Cumulative Hazard Index		0.37844

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Trichlorofluoromethane (Freon 11)	2.3
4-Isopropyltoluene	2.8
Ethanol	852.2
Isopropyl alcohol	26.7
Dichlorodifluoromethane (Freon12)	3.0

EXHIBIT 24
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
Q1-S52-IND/Q1-S52-VMP1

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	2.2	ND	
1,4-Dichlorobenzene	1653.4	7.3	225.4
2-Butanone (MEK)	11.9	4.0	3.0
2-Hexanone (MBK)	0.5	ND	
4-Isopropyltoluene	2.8	ND	
Acetone	88.6	11.2	7.9
Benzene	1.3	ND	
Carbon tetrachloride	ND	0.6	
Chloroform	7.5	ND	
Chloromethane	1.9	0.3	7.1
Dichlorodifluoromethane (Freon12)	3.0	4.3	0.7
Ethanol	852.2	ND	
Ethyl acetate	51.5	1.9	27.5
Ethylbenzene	1.3	ND	
Isopropyl alcohol	26.8	3.8	7.0
m,p-Xylene	3.8	ND	
Methylene chloride	4.4	ND	
o-Xylene	1.5	ND	
Propene	ND	0.8	
Styrene	4.8	ND	
Tetrachloroethene	2.0	1.6	1.2
Toluene	9.1	2.0	4.6
Trichlorofluoromethane (Freon 11)	2.3	2.3	1.0

ANALYSIS FOR [REDACTED]
SAMPLE ID S54

EXHIBIT 25
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S54-VMP, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.6	2.7E-07
Benzene	0.9	2.8E-07
Tetrachloroethene	4.3	1.1E-06
Cumulative Cancer Risk		1.6E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.7	0.00005
Acetone	13.0	0.00004
Ethyl acetate	0.5	0.00002
Toluene	3.8	0.00007
Xylene	0.8	0.00071
Cumulative Hazard Index		0.00089

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	1.9
Trichlorofluoromethane (Freon 11)	1.5
2-Hexanone (MBK)	1.3
4-Methyl-2-pentanone (MIBK)	0.7
Ethanol	7.4
Isopropyl alcohol	13.0

EXHIBIT 26
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S54-INA, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	7.2	3.3E-05
Benzene	2.0	6.5E-06
Chloromethane	1.9	1.3E-06
Naphthalene	9.4	1.3E-04
Tetrachloroethene	1.4	3.5E-06
Tetrahydrofuran	0.9	9.3E-07
Cumulative Cancer Risk		1.7E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	1.0	0.00020
2-Butanone (MEK)	3.7	0.00070
Acetone	25.9	0.00081
Ethyl acetate	3.1	0.00093
Hexane	1.9	0.00266
Toluene	4.1	0.00080
Xylene	2.0	0.01782
1,1,1-Trichloroethane	1.0	0.00020
Cumulative Hazard Index		0.02392

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Trichlorofluoromethane (Freon 11)	2.1
Ethanol	529.8
Isopropyl alcohol	10.0
n-Heptane	1.0
Dichlorodifluoromethane (Freon12)	3.3

EXHIBIT 27
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S54-IND/Q1-S54-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,1,1-Trichloroethane	1.0	ND	
1,4-Dichlorobenzene	7.2	0.6	11.9
2-Butanone (MEK)	3.7	2.7	1.4
2-Hexanone (MBK)	ND	1.3	
4-Methyl-2-pentanone (MIBK)	ND	0.7	
Acetone	25.9	13.0	2.0
Benzene	2.0	0.9	2.3
Chloromethane	1.9	ND	
Dichlorodifluoromethane (Freon12)	3.3	1.9	1.7
Ethanol	529.8	7.4	71.9
Ethyl acetate	3.1	0.5	6.1
Hexane	1.9	ND	
Isopropyl alcohol	10.0	13.0	0.8
m,p-Xylene	2.0	0.8	2.5
Naphthalene	9.4	ND	
n-Heptane	1.0	ND	
Tetrachloroethene	1.4	4.3	0.3
Tetrahydrofuran	0.9	ND	
Toluene	4.1	3.8	1.1
Trichlorofluoromethane (Freon 11)	2.1	1.5	1.4

ANALYSIS FOR [REDACTED]
SAMPLE ID S56

EXHIBIT 28
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
NA		
Cumulative Cancer Risk		
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
NA		
Cumulative Hazard Index		

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
NA	

EXHIBIT 29
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q2-S56-INA, WEEK 19

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	1.3	5.7E-07
Benzene	0.8	2.5E-07
Carbon tetrachloride	0.4	2.8E-07
Chloroform	0.8	7.1E-07
Chloromethane	1.0	6.8E-08
Ethylbenzene	0.5	5.4E-08
Methylene chloride	0.3	6.7E-09
Tetrachloroethene	0.7	1.7E-07
Tetrahydrofuran	0.2	2.2E-08
Cumulative Cancer Risk		2.1E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	1.4	0.01953
2-Butanone (MEK)	1.7	0.00003
Acetone	20.5	0.00006
Cyclohexane	0.3	0.00000
Hexane	1.3	0.00017
Styrene	0.6	0.00005
Toluene	4.1	0.00008
Xylenes	1.7	0.00154
Cumulative Hazard Index		0.02148

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	53.3
n-Heptane	0.8
Ethanol	62.6

EXHIBIT 30
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB VAPOR SAMPLES:

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
NA			

ANALYSIS FOR [REDACTED]
SAMPLE ID S59

EXHIBIT 31
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S59-VMP, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.3	4.3E-07
Chloroform	1.8	1.7E-06
Chloromethane	0.5	3.5E-08
Tetrachloroethene	1.6	4.0E-07
Cumulative Cancer Risk		2.5E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.5	0.00005
Acetone	19.7	0.00006
Hexane	0.5	0.00007
Toluene	1.2	0.00002
Xylene	0.5	0.00044
Cumulative Hazard Index		0.00064

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	1.5
Trichlorofluoromethane (Freon 11)	1.5
2-Hexanone (MBK)	0.8
Carbon disulfide	0.4
Ethanol	9.5
Ethyl acetate	0.4
Isopropyl alcohol	11.9
n-Heptane	0.6

EXHIBIT 32
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S59-INA, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.3	4.1E-06
Chloromethane	1.6	1.2E-06
Cumulative Cancer Risk		5.3E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	2.5	0.00048
2-Butanone (MEK)	1.1	0.00020
Acetone	27.6	0.00086
Ethyl acetate	2.5	0.00076
Hexane	1.2	0.00164
Toluene	3.3	0.00066
Cumulative Hazard Index		0.00460

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	190.4
Isopropyl alcohol	250.3
Dichlorodifluoromethane (Freon12)	2.1
Trichlorofluoromethane (Freon 11)	2.6

EXHIBIT 33
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S59-IND/Q1-S59-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,1,1-Trichloroethane	2.5	ND	
2-Butanone (MEK)	1.1	2.5	0.4
2-Hexanone (MBK)	0.8	ND	
Acetone	27.6	19.7	1.4
Benzene	1.3	1.3	1.0
Carbon disulfide	ND	0.4	
Chloroform	ND	1.9	
Chloromethane	1.6	0.5	3.3
Dichlorodifluoromethane (Freon12)	2.1	1.5	1.4
Ethanol	190.4	9.5	20.1
Ethyl acetate	2.5	0.4	6.3
Hexane	1.2	0.5	2.3
Isopropyl alcohol	250.3	11.9	21.1
m,p-Xylene	ND	0.5	
n-Heptane	ND	0.6	
Tetrachloroethene	ND	1.6	
Toluene	3.4	1.2	2.9
Trichlorofluoromethane (Freon 11)	2.6	1.5	1.8

ANALYSIS FOR [REDACTED]
SAMPLE ID S69

EXHIBIT 34
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S69-VMP, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.7	3.0E-07
Benzene	0.8	2.7E-07
Methyl tert-butyl ether	1.3	1.4E-08
Tetrachloroethene	1.6	4.0E-07
Tetrahydrofuran	0.3	3.5E-08
Cumulative Cancer Risk		1.0E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.9	0.00006
Acetone	24.2	0.00008
Ethyl acetate	0.5	0.00002
Propene	0.4	0.00004
Toluene	3.8	0.00007
Xylene	1.0	0.00091
Cumulative Hazard Index		0.00117

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
2-Hexanone (MBK)	1.1
Ethanol	8.5
Isopropyl alcohol	5.4
n-Heptane	0.7
Dichlorodifluoromethane (Freon12)	1.9
Trichlorofluoromethane (Freon 11)	1.6
1,2,4-Trimethylbenzene	0.5

EXHIBIT 35
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S69-INA, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.1	3.6E-06
Chloromethane	1.2	8.4E-07
Tetrahydrofuran	1.0	1.1E-06
Cumulative Cancer Risk		5.5E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	3.5	0.00067
Acetone	12.3	0.00038
Ethyl acetate	1.8	0.00054
Hexane	1.0	0.00130
Toluene	3.2	0.00062
Xylene	1.2	0.01109
Cumulative Hazard Index		0.01460

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	213.1
Isopropyl alcohol	8.0
Dichlorodifluoromethane (Freon12)	3.2
Trichlorofluoromethane (Freon 11)	2.1

EXHIBIT 36
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
Q1-S69-IND/Q1-S69-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	ND	0.5	
1,4-Dichlorobenzene	ND	0.7	
2-Butanone (MEK)	3.5	2.9	1.2
2-Hexanone (MBK)	ND	1.2	
Acetone	12.3	24.2	0.5
Benzene	1.1	0.8	1.4
Chloromethane	1.2	ND	
Dichlorodifluoromethane (Freon12)	3.2	1.9	1.7
Ethanol	213.1	8.5	25.1
Ethyl acetate	1.8	0.5	3.3
Hexane	1.0	ND	
Isopropyl alcohol	8.0	5.5	1.5
m,p-Xylene	1.2	ND	
m,p-Xylene	ND	1.0	
Methyl tert-butyl ether	ND	1.3	
n-Heptane	ND	0.7	
Propene	ND	0.4	
Tetrachloroethene	ND	1.6	
Tetrahydrofuran	1.0	ND	
Tetrahydrofuran	ND	0.3	
Toluene	3.2	3.8	0.8
Toluene	ND	ND	
Trichlorofluoromethane (Freon 11)	2.1	1.6	1.3

ANALYSIS FOR [REDACTED]
SAMPLE ID S70

EXHIBIT 37
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
NA		
Cumulative Cancer Risk		
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
NA		
Cumulative Hazard Index		

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
NA	

EXHIBIT 38
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S70-INA, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	1.7	7.7E-06
Benzene	1.0	3.3E-06
Chloroform	0.7	6.2E-06
Chloromethane	1.1	7.8E-07
Ethylbenzene	0.6	6.3E-07
Cumulative Cancer Risk		1.9E-05

Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	25.0	0.00078
Ethyl acetate	1.5	0.00047
Hexane	0.9	0.00126
Toluene	2.1	0.00040
Xylenes	2.3	0.02138
1,2,4-Trimethylbenzene	0.6	0.08081
2-Butanone (MEK)	1.1	0.00020
Cumulative Hazard Index		0.10531

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	2.0
Trichlorofluoromethane (Freon 11)	1.8
4-Methyl-2-pentanone (MIBK)	0.7
Ethanol	70.1
Isopropyl alcohol	20.1

EXHIBIT 39
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB VAPOR SAMPLES

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
NA			

ANALYSIS FOR [REDACTED]
SAMPLE ID S72

EXHIBIT 40
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S72-VMP, WEEK 12

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.5	1.7E-07
Tetrachloroethene	2.1	5.1E-07
Cumulative Cancer Risk		6.9E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.2	0.00004
Acetone	10.8	0.00003
Toluene	0.6	0.00001
Cumulative Hazard Index		0.00009

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	2.1
Trichlorofluoromethane (Freon 11)	1.3
Ethanol	8.3
Isopropyl alcohol	6.3
n-Heptane	0.4

EXHIBIT 41
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S72-INA2, WEEK 12

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.7	5.5E-06
Chloromethane	1.4	1.0E-06
Methylene chloride	2.7	5.1E-07
Tetrachloroethene	2.2	5.3E-06
Cumulative Cancer Risk		1.2E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	2.3	0.31652
2-Butanone (MEK)	1.7	0.00032
Acetone	25.9	0.00081
Hexane	2.7	0.00372
Toluene	7.1	0.00138
Xylene	2.7	0.02455
Cumulative Hazard Index		0.34730

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	3.6
Trichlorofluoromethane (Freon 11)	3.3
Ethanol	294.1
Isopropyl alcohol	93.3
n-Heptane	1.4

EXHIBIT 42
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S72-IND/Q1-S72-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	2.3	ND	
2-Butanone (MEK)	1.7	2.2	0.8
Acetone	25.9	10.8	2.4
Benzene	1.7	0.5	3.1
Chloromethane	1.4	ND	
Dichlorodifluoromethane (Freon12)	3.6	2.1	1.7
Ethanol	294.1	8.3	35.3
Hexane	2.7	ND	
Isopropyl alcohol	93.3	6.3	14.7
m,p-Xylene	2.7	ND	
Methylene chloride	2.7	ND	
n-Heptane	1.4	0.4	3.3
Tetrachloroethene	2.2	2.1	1.0
Toluene	7.1	0.6	11.1
Trichlorofluoromethane (Freon 11)	3.3	1.4	2.5

ANALYSIS FOR [REDACTED]
SAMPLE ID S75

EXHIBIT 43
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S75-VMP, WEEK 10

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	2.3	1.1E-06
Benzene	0.8	2.5E-07
Ethylbenzene	1.9	1.9E-07
Methylene chloride	3.8	7.3E-08
Tetrachloroethene	1.2	3.0E-07
Cumulative Cancer Risk		1.9E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	1.6	0.02155
1,3,5-Trimethylbenzene	0.7	0.01092
2-Butanone (MEK)	4.4	0.00009
Acetone	19.9	0.00006
Ethyl acetate	0.4	0.00001
Hexane	1.2	0.00016
Styrene	0.4	0.00004
Toluene	5.5	0.00011
Xylenes	3.1	0.00285
Cumulative Hazard Index		0.03373

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	7.9
n-Heptane	1.8
Dichlorodifluoromethane (Freon12)	2.2
Trichlorofluoromethane (Freon 11)	2.0
2-Hexanone (MBK)	1.4
4-Ethyltoluene	0.6
Ethanol	9.4

EXHIBIT 44
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S75-INA, WEEK 10

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.0	3.2E-06
Chloromethane	1.6	1.1E-06
Methylene chloride	5.1	9.8E-07
Cumulative Cancer Risk		5.3E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.7	0.00052
Acetone	31.4	0.00098
Hexane	1.2	0.00164
Toluene	4.6	0.00089
Cumulative Hazard Index		0.00403

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	445.0
Isopropyl alcohol	13.8
Dichlorodifluoromethane (Freon12)	4.0
Trichlorofluoromethane (Freon 11)	3.0

EXHIBIT 45
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
Q1-S75-IND/Q1-S75-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,1,2-Trichlorotrifluoroethane (Freon	ND	1.2	
1,2,4-Trimethylbenzene	ND	1.6	
1,3,5-Trimethylbenzene	ND	0.7	
1,4-Dichlorobenzene	ND	2.3	
2-Butanone (MEK)	2.7	4.4	0.6
2-Hexanone (MBK)	ND	1.4	
4-Ethyltoluene	ND	0.6	
Acetone	31.4	19.9	1.6
Benzene	1.0	0.8	1.3
Chloromethane	1.6	ND	
Dichlorodifluoromethane (Freon12)	4.0	2.2	1.8
Ethanol	445.0	9.4	47.5
Ethyl acetate	ND	0.4	
Ethylbenzene	ND	1.9	
Hexane	1.2	1.2	1.0
Isopropyl alcohol	13.8	7.9	1.8
m,p-Xylene	ND	2.3	
Methylene chloride	5.1	3.8	1.3
n-Heptane	ND	1.8	
o-Xylene	ND	0.9	
Styrene	ND	0.4	
Tetrachloroethene	ND	1.2	
Toluene	4.6	5.5	0.8
Trichlorofluoromethane (Freon 11)	3.0	2.0	1.5

ANALYSIS FOR [REDACTED]
SAMPLE ID S77

EXHIBIT 46
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
NA		
Cumulative Cancer Risk		
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
NA		
Cumulative Hazard Index		

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
NA	

EXHIBIT 47
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S77-INA, WEEK 12

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,3-Butadiene	2.0	2.4E-05
Benzene	2.5	7.9E-06
Chloromethane	3.7	2.6E-06
Ethylbenzene	1.4	1.5E-06
Methylene chloride	1.4	2.7E-07
Cumulative Cancer Risk		3.7E-05
Noncarcinogenic Chemicals		

Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	4.8	0.65998
1,3,5-Trimethylbenzene	1.5	0.24191
2-Butanone (MEK)	4.0	0.00078
Acetone	80.6	0.00252
Ethyl acetate	3.4	0.00102
Hexane	1.4	0.00188
Toluene	5.7	0.00111
Xylenes	6.0	0.05464
Cumulative Hazard Index		0.96383

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	131.2
Isopropyl alcohol	11.8
Dichlorodifluoromethane (Freon12)	3.6
Trichlorofluoromethane (Freon 11)	2.2

EXHIBIT 48
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB VAPOR SAMPLES

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
NA			

ANALYSIS FOR [REDACTED]
SAMPLE ID S79

EXHIBIT 49
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S79-VMP2, WEEK 2

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.8	3.6E-07
Chloroform	1.0	8.8E-07
Tetrachloroethene	1.5	3.6E-07
Trichloroethene	1.5	1.2E-07
Cumulative Cancer Risk		1.7E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.4	0.00003
Acetone	6.1	0.00002
Ethyl acetate	2.7	0.00008
Toluene	0.9	0.00002
Cumulative Hazard Index		

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
2-Hexanone (MBK)	0.6
Ethanol	1.7
Isopropyl alcohol	2.0
Dichlorodifluoromethane (Freon12)	2.2
Trichlorofluoromethane (Freon 11)	1.5

EXHIBIT 50
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S79-INA, WEEK 2

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	164.7	7.5E-04
Benzene	1.6	5.0E-06
Chloromethane	1.2	8.7E-07
Ethylbenzene	4.1	4.2E-06
Naphthalene	45.1	6.3E-04
Tetrachloroethene	2.3	5.6E-06
Cumulative Cancer Risk		1.4E-03
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	1.6	0.22224
2-Butanone (MEK)	1.1	0.00020
Acetone	16.4	0.00051
Cyclohexane	0.8	0.00013
Ethyl acetate	3.3	0.00101
Hexane	3.8	0.00517
Toluene	4.4	0.00087
Xylenes	19.3	0.17658
Cumulative Hazard Index		0.40671

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	2.1
Propene	5.1
Dichlorodifluoromethane (Freon12)	2.4
Trichlorofluoromethane (Freon 11)	2.9
Ethanol	92.2
Isopropyl alcohol	5.2

EXHIBIT 51
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
Q1-S79-IND/Q1-S79-VMP1

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	1.6	ND	
1,4-Dichlorobenzene	164.7	20.6	8.0
2-Butanone (MEK)	1.1	1.1	1.0
Acetone	16.4	7.1	2.3
Benzene	1.6	ND	
Chloromethane	1.2	ND	
Cyclohexane	0.8	ND	
Dichlorodifluoromethane (Freon12)	2.4	2.2	1.1
Ethanol	92.2	18.6	5.0
Ethyl acetate	3.3	ND	
Ethylbenzene	4.1	ND	
Hexane	3.8	ND	
Isopropyl alcohol	5.2	2.5	2.1
m,p-Xylene	15.4	2.3	6.6
Naphthalene	45.1	ND	
n-Heptane	2.1	ND	
o-Xylene	4.0	ND	
Propene	5.2	2.4	2.2
Tetrachloroethene	2.3	ND	
Toluene	4.4	ND	
Trichlorofluoromethane (Freon 11)	2.9	1.7	1.7

ANALYSIS FOR [REDACTED]
SAMPLE ID S95

EXHIBIT 52
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S95-VMP, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	1.4	6.6E-07
Benzene	0.9	2.9E-07
Chloromethane	0.8	5.6E-08
Cumulative Cancer Risk		1.0E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	0.6	0.00875
2-Butanone (MEK)	1.8	0.00003
Acetone	7.4	0.00002
Hexane	0.8	0.00011
Toluene	3.0	0.00006
Xylene	1.8	0.00166
Cumulative Hazard Index		0.01065

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	1.5
Dichlorodifluoromethane (Freon12)	2.1
Trichlorofluoromethane (Freon 11)	1.7
4-Methyl-2-pentanone (MIBK)	0.5
Ethanol	16.7

EXHIBIT 53
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S95-INA, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.2	3.9E-06
Chloromethane	1.3	9.3E-07
Ethylbenzene	0.5	4.9E-07
Methylene chloride	0.7	1.3E-07
Cumulative Cancer Risk		5.5E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	0.9	0.12795
2-Butanone (MEK)	2.8	0.00054
Acetone	13.4	0.00042
Hexane	2.2	0.00304
Toluene	3.2	0.00063
Xylenes	2.0	0.01821
Cumulative Hazard Index		0.15079

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	2.6
Trichlorofluoromethane (Freon 11)	2.2
Ethanol	61.8
Isopropyl alcohol	3.9
n-Heptane	0.8

EXHIBIT 54
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S95-IND/Q1-S95-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	0.9	0.6	1.5
1,4-Dichlorobenzene	ND	1.4	
2-Butanone (MEK)	2.8	1.8	1.6
4-Methyl-2-pentanone (MIBK)	ND	0.5	
Acetone	13.5	7.4	1.8
Benzene	1.2	0.9	1.4
Chloromethane	1.3	0.8	1.7
Dichlorodifluoromethane (Freon12)	2.6	2.1	1.3
Ethanol	61.8	16.7	3.7
Ethylbenzene	0.5	ND	
Hexane	2.2	0.8	2.7
Isopropyl alcohol	3.9	1.5	2.5
m,p-Xylene	1.4	1.3	1.1
Methylene chloride	0.7	ND	
n-Heptane	0.8	ND	
o-Xylene	0.6	0.5	1.1
Toluene	3.2	ND	
Toluene	ND	3.1	
Trichlorofluoromethane (Freon 11)	2.3	1.7	1.3

ANALYSIS FOR [REDACTED]
SAMPLE ID S120

EXHIBIT 55
SAMPLING RESULTS AND CUMULATIVE RISK:
INA/VMP PAIRED SAMPLE:
SUB-SLAB VAPOR SAMPLE: Q1-S120-VMP, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.8	2.5E-07
Tetrachloroethene	2.6	6.5E-07
Cumulative Cancer Risk		8.9E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	26.8	0.00051
2-Butanone (MEK)	1.8	0.00003
Acetone	8.9	0.00003
Toluene	2.1	0.00004
Xylene	0.4	0.00040
Cumulative Hazard Index		0.00101

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	4.3
n-Heptane	0.5
Dichlorodifluoromethane (Freon12)	2.4
Trichlorofluoromethane (Freon 11)	3.0
2-Hexanone (MBK)	0.7
Ethanol	10.6

EXHIBIT 56
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S120-INA, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,3-Butadiene	1.5	1.8E-05
1,4-Dichlorobenzene	13.8	6.3E-05
Benzene	2.9	9.3E-06
Chloromethane	2.0	1.4E-06
Ethylbenzene	1.2	1.2E-06
Methylene chloride	1.2	2.3E-07
Cumulative Cancer Risk		9.3E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	2.9	0.00055
1,2,4-Trimethylbenzene	1.7	0.23571
2-Butanone (MEK)	2.7	0.00051
Acetone	27.3	0.00085
Ethyl acetate	6.0	0.00182
Hexane	1.5	0.00208
Styrene	1.2	0.00118
Toluene	8.7	0.00171
Xylenes	4.3	0.03920
Cumulative Hazard Index		0.28361

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	1.0
Dichlorodifluoromethane (Freon12)	3.7
Trichlorofluoromethane (Freon 11)	3.3
4-Ethyltoluene	0.9
Ethanol	754.2
Isopropyl alcohol	14.9

EXHIBIT 57
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
Q1-S120-IND/Q1-S120-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,1,1-Trichloroethane	2.9	ND	
1,2,4-Trimethylbenzene	1.7	ND	
1,3-Butadiene	1.5	ND	
1,4-Dichlorobenzene	13.8	ND	
2-Butanone (MEK)	2.7	1.8	1.5
2-Hexanone (MBK)	ND	0.7	
4-Ethyltoluene	0.9	ND	
Acetone	27.3	8.9	3.1
Benzene	2.9	0.8	3.8
Chloromethane	2.0	ND	
Ethanol	754.2	10.6	70.9
Ethyl acetate	6.0	ND	
Ethylbenzene	1.2	ND	
Hexane	1.5	ND	
Isopropyl alcohol	14.9	4.3	3.5
Methylene chloride	1.2	ND	
n-Heptane	1.0	0.5	2.3
Styrene	1.2	ND	
Tetrachloroethene	ND	2.6	
Toluene	8.7	ND	
Toluene	ND	2.1	
Xylene	ND	0.4	
Xylenes	4.3	ND	

ANALYSIS FOR [REDACTED]
SAMPLE ID S122

EXHIBIT 58
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S122-VMP, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Tetrachloroethene	2.6	6.3E-07
Cumulative Cancer Risk		6.3E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	16.7	0.00005
Toluene	3.6	0.00007
Cumulative Hazard Index		0.00012

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	26.6
Isopropyl alcohol	38.3
Dichlorodifluoromethane (Freon12)	2.8
Trichlorofluoromethane (Freon 11)	1.9

EXHIBIT 59
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S122-INA, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.2	3.8E-06
Chloroform	1.1	9.7E-06
Chloromethane	1.0	6.9E-07
Cumulative Cancer Risk		1.4E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.3	0.00025
Acetone	13.8	0.00043
Cyclohexane	0.4	0.00007
Ethyl acetate	1.0	0.00032
Hexane	1.6	0.00217
Toluene	3.1	0.00061
Xylene	0.9	0.00792
Cumulative Hazard Index		0.01177

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	13.7
n-Heptane	1.0
Dichlorodifluoromethane (Freon12)	1.8
Trichlorofluoromethane (Freon 11)	1.3
2-Hexanone (MBK)	0.5
Ethanol	63.4

EXHIBIT 60
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S122-IND/Q1-S122-VMP1

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	ND	0.5	
2-Butanone (MEK)	3.5	3.5	1.0
2-Hexanone (MBK)	ND	0.7	
4-Methyl-2-pentanone (MIBK)	ND	0.4	
Acetone	85.6	15.8	5.4
Benzene	1.8	0.7	2.5
Chloroform	ND	1.3	
Chloromethane	1.4	ND	
cis-1,2-Dichloroethene	ND	17.6	
Ethanol	446.9	9.7	46.2
Ethyl acetate	2.3	ND	
Hexane	4.7	0.4	12.0
Isopropyl alcohol	65.0	1.9	34.0
Methylene chloride	1.0	ND	
Naphthalene	10.4	ND	
n-Heptane	1.5	0.7	2.2
Tetrachloroethene	ND	16.1	
Toluene	6.5	4.3	1.5
trans-1,2-Dichloroethene	ND	0.6	
Trichloroethene	ND	10.1	
Xylene	3.4	0.6	6.0

ANALYSIS FOR [REDACTED]
SAMPLE ID S130

EXHIBIT 61
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S130-VMP1, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.6	2.7E-07
Benzene	0.5	1.5E-07
Chloroform	0.5	4.9E-07
Tetrachloroethene	4.9	1.2E-06
Cumulative Cancer Risk		2.1E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.9	0.00004
Acetone	10.2	0.00003
Toluene	4.0	0.00008
Xylene	0.9	0.00083
Cumulative Hazard Index		0.00098

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	0.5
Dichlorodifluoromethane (Freon12)	1.4
Trichlorofluoromethane (Freon 11)	8.4
2-Hexanone (MBK)	0.6
Ethanol	5.1
Isopropyl alcohol	4.9

EXHIBIT 62
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S130-INA, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,3-Butadiene	5.3	6.5E-05
Benzene	5.4	1.7E-05
Chloromethane	4.9	3.5E-06
Ethylbenzene	2.9	3.0E-06
Methylene chloride	1.8	3.4E-07
Tetrachloroethene	2.4	5.8E-06
Cumulative Cancer Risk		9.5E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	2.4	0.32325
2-Butanone (MEK)	5.7	0.00110
Acetone	47.5	0.00149
Ethyl acetate	8.7	0.00265
Hexane	7.2	0.00985
Styrene	2.1	0.00204
Toluene	16.6	0.00325
Xylenes	13.8	0.12590
Cumulative Hazard Index		0.46954

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	2.8
Trichlorofluoromethane (Freon 11)	2.2
Ethanol	593.9
Isopropyl alcohol	43.4
n-Heptane	2.2

EXHIBIT 63
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S130-IND/Q1-S130-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	2.4	ND	
1,3-Butadiene	5.3	ND	
1,4-Dichlorobenzene	ND	0.6	
2-Butanone (MEK)	5.7	1.9	3.0
2-Hexanone (MBK)	ND	0.6	
Acetone	47.5	10.2	4.7
Benzene	5.4	0.5	11.3
Chloroform	ND	0.5	
Chloromethane	4.9	ND	
Ethanol	593.9	5.1	116.2
Ethyl acetate	8.7	ND	
Ethylbenzene	2.9	ND	
Hexane	7.2	ND	
Isopropyl alcohol	43.4	4.9	8.9
m,p-Xylene	10.8	0.9	11.9
Methylene chloride	1.8	ND	
n-Heptane	2.2	0.5	4.5
o-Xylene	3.0	ND	
Styrene	2.1	ND	
Tetrachloroethene	2.4	4.9	0.5
Toluene	16.6	4.0	4.1

ANALYSIS FOR [REDACTED]
SAMPLE ID S132

EXHIBIT 64
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S132-VMP, WEEK 12

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.7	3.3E-07
Benzene	0.4	1.2E-07
Tetrachloroethene	7.8	1.9E-06
Cumulative Cancer Risk		2.4E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	0.5	0.00673
2-Butanone (MEK)	2.8	0.00005
Acetone	9.1	0.00003
Ethanol	8.4	0.00026
Styrene	0.4	0.00004
Toluene	2.6	0.00005
Cumulative Hazard Index		0.00716

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	0.6
Dichlorodifluoromethane (Freon12)	1.8
Trichlorofluoromethane (Freon 11)	1.9
2-Hexanone (MBK)	0.6
Isopropyl alcohol	2.0

EXHIBIT 65
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S132-INA, WEEK 12

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.5	4.8E-06
Chloromethane	1.5	1.1E-06
Methylene chloride	1.2	2.3E-07
Naphthalene	20.3	2.8E-04
Cumulative Cancer Risk		2.9E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	7.5	0.00143
Acetone	23.6	0.00074
Cyclohexane	4.6	0.00074
Hexane	3.6	0.00493
Toluene	3.2	0.00063
Xylene	1.4	0.01267
Cumulative Hazard Index		0.02114

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	4.2
Trichlorofluoromethane (Freon 11)	2.8
Ethanol	799.4
Isopropyl alcohol	14.9
n-Heptane	1.7

EXHIBIT 66
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S132-IND/Q1-S132-VMP1

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	ND	0.5	
1,4-Dichlorobenzene	ND	0.7	
2-Butanone (MEK)	7.5	2.8	2.6
2-Hexanone (MBK)	ND	0.6	
Acetone	23.6	9.2	2.6
Benzene	1.5	0.4	3.9
Chloromethane	1.5	ND	
Cyclohexane	4.6	ND	
Ethanol	799.4	8.4	95.1
Hexane	3.6	ND	
Isopropyl alcohol	14.9	2.0	7.4
m,p-Xylene	1.4	ND	
Methylene chloride	1.2	ND	
Naphthalene	20.3	ND	
n-Heptane	1.7	0.6	2.8
Styrene	ND	0.4	
Tetrachloroethene	ND	7.8	
Toluene	3.2	2.6	1.2

ANALYSIS FOR [REDACTED]
SAMPLE ID S134

EXHIBIT 67
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S134-VMP2, WEEK 6

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	4.4	1.4E-06
Carbon tetrachloride	0.6	3.9E-07
Chloroform	1.0	8.8E-07
Tetrachloroethene	3.6	8.8E-07
Tetrahydrofuran	0.8	8.3E-08
Cumulative Cancer Risk		3.6E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	3.6	0.00007
Acetone	24.7	0.00008
Toluene	0.8	0.00002
Cumulative Hazard Index		0.00016

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	5.2
n-Heptane	0.7
Trichlorofluoromethane (Freon 11)	1.5
2-Hexanone (MBK)	1.1
Carbon disulfide	0.3
Ethanol	8.0

EXHIBIT 68
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S134-INA, WEEK 6

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.0	3.3E-06
Cumulative Cancer Risk		3.3E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.4	0.00027
Acetone	12.5	0.00039
Toluene	1.8	0.00035
Xylene	1.3	0.01227
Cumulative Hazard Index		0.01329

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	399.7

EXHIBIT 69
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S134-IND/Q1-S134-VMP1

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
2-Butanone (MEK)	1.4	3.3	0.4
Acetone	12.5	22.7	0.6
Benzene	1.0	1.9	0.5
Ethanol	399.7	241.3	1.7
m,p-Xylene	1.3	ND	
Tetrachloroethene	ND	2.8	
Tetrahydrofuran	ND	1.0	
Toluene	1.8	2.1	0.9

ANALYSIS FOR [REDACTED]
SAMPLE ID S138

EXHIBIT 70
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S138-VMP, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	2.5	1.1E-06
Benzene	1.0	3.3E-07
Tetrachloroethene	1.1	2.6E-07
Cumulative Cancer Risk		1.7E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	3.0	0.00006
Acetone	14.4	0.00005
Ethyl acetate	1.1	0.00003
Toluene	3.4	0.00007
Xylene	0.9	0.00083
Cumulative Hazard Index		0.00103

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
2-Hexanone (MBK)	1.0
Ethanol	10.9
Isopropyl alcohol	1.1
n-Heptane	0.6
Propene	0.2
Dichlorodifluoromethane (Freon12)	1.5
Trichlorofluoromethane (Freon 11)	1.5

EXHIBIT 71
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S138-INA, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	366.1	1.7E-03
Benzene	1.1	3.4E-06
Chloroform	3.0	2.7E-05
Chloromethane	1.1	7.8E-07
Methylene chloride	5.0	9.7E-07
Cumulative Cancer Risk		1.7E-03
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	1.8	0.24918
2-Butanone (MEK)	4.7	0.00091
Acetone	77.7	0.00243
Cyclohexane	1.2	0.00019
Ethyl acetate	10.7	0.00325
Toluene	29.3	0.00574
Xylenes	3.2	0.02890
Cumulative Hazard Index		0.29059

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	0.8
Dichlorodifluoromethane (Freon12)	4.9
Trichlorofluoromethane (Freon 11)	2.3
Ethanol	450.6
Isopropyl alcohol	67.5

EXHIBIT 72
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S138-IND/Q1-S138-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	1.8	ND	
1,4-Dichlorobenzene	366.2	2.5	145.0
2-Butanone (MEK)	4.7	3.0	1.6
2-Hexanone (MBK)	1.0	1.0	1.0
Acetone	77.7	14.5	5.4
Benzene	1.1	1.0	1.0
Chloroform	3.0	ND	
Chloromethane	1.1	ND	
Cyclohexane	1.2	ND	
Ethanol	450.6	10.9	41.4
Ethyl acetate	10.7	1.1	9.9
Isopropyl alcohol	67.5	1.1	61.1
m,p-Xylene	2.3	0.9	2.5
Methylene chloride	5.0	ND	
n-Heptane	0.8	0.6	1.4
o-Xylene	0.9	ND	
Propene	ND	0.2	
Tetrachloroethene	ND	1.1	
Toluene	29.3	3.4	8.6

ANALYSIS FOR [REDACTED]
SAMPLE ID S140

EXHIBIT 73
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S140-VMP, WEEK 8

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.8	2.5E-07
Methylene chloride	0.3	6.7E-09
n-Heptane	0.6	0.0E+00
Tetrachloroethene	1.1	2.6E-07
Tetrahydrofuran	0.3	3.2E-08
Cumulative Cancer Risk		5.5E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	7.9	0.00015
Acetone	21.4	0.00007
Toluene	1.2	0.00002
Xylene	0.7	0.00067
Cumulative Hazard Index		0.00091

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	3.1
Trichlorofluoromethane (Freon 11)	1.6
2-Hexanone (MBK)	0.6
Ethanol	7.8
Isopropyl alcohol	14.7

EXHIBIT 74
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S140-INA, WEEK 8

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.3	4.3E-06
Chloromethane	1.2	8.3E-07
Methylene chloride	7.2	1.4E-06
Tetrachloroethene	1.8	4.3E-06
Tetrahydrofuran	0.6	6.4E-07
Cumulative Cancer Risk		1.1E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	1.3	0.00025
2-Butanone (MEK)	2.4	0.00047
Acetone	15.3	0.00048
Hexane	1.5	0.00203
Toluene	7.3	0.00142
Xylene	1.9	0.01702
Cumulative Hazard Index		0.02167

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	11.8
Trichlorofluoromethane (Freon 11)	3.1
Ethanol	341.3
Isopropyl alcohol	9.7
n-Heptane	2.1

EXHIBIT 75
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S140-IND/Q1-S140-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,1,1-Trichloroethane	1.3	ND	
2-Butanone (MEK)	2.5	7.9	0.3
2-Hexanone (MBK)	ND	0.6	
Acetone	15.3	21.4	0.7
Benzene	1.3	0.8	1.8
Chloromethane	1.2	ND	
Ethanol	341.3	7.8	43.5
Hexane	1.5	ND	
Isopropyl alcohol	9.7	14.8	0.7
m,p-Xylene	1.9	0.7	2.5
Methylene chloride	7.2	0.4	20.7
n-Heptane	2.1	0.6	3.6
Tetrachloroethene	1.8	1.1	1.6
Tetrahydrofuran	0.6	0.3	2.0
Toluene	7.3	1.2	6.2

ANALYSIS FOR [REDACTED]
SAMPLE ID S144

EXHIBIT 76
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S144-VMP, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.7	2.2E-07
Carbon disulfide	2.0	1.2E-06
Tetrachloroethene	1.2	2.8E-07
Tetrahydrofuran	0.4	4.2E-08
Cumulative Cancer Risk		1.8E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	3.0	0.0001
Acetone	32.8	0.0001
Toluene	0.6	0.0000
Cumulative Hazard Index		0.0002

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	0.5
Trichlorofluoromethane (Freon 11)	1.2
2-Hexanone (MBK)	1.3
Ethanol	7.4
Isopropyl alcohol	19.7

EXHIBIT 77
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S144-INA, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	2.6	1.2E-05
Benzene	1.5	4.9E-06
Chloromethane	1.3	9.6E-07
Ethylbenzene	1.4	1.5E-06
Methylene chloride	1.2	2.3E-07
Cumulative Cancer Risk		1.9E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.5	0.00029
Acetone	17.3	0.00054
Ethyl acetate	2.0	0.00060
Hexane	1.9	0.00256
Toluene	4.6	0.00091
Xylenes	5.1	0.04632
Cumulative Hazard Index		0.05123

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Trichlorofluoromethane (Freon 11)	3.3
Ethanol	324.3
Isopropyl alcohol	30.9
Trichlorofluoromethane (Freon 11)	3.3
Ethanol	324.3
Isopropyl alcohol	30.9

EXHIBIT 78
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S144-IND/Q1-S144-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	2.6	ND	
2-Butanone (MEK)	1.5	ND	
2-Butanone (MEK)	3.0	1.3	2.4
Acetone	17.3	32.8	0.5
Benzene	1.5	0.7	2.3
Carbon disulfide	ND	2.0	
Ethanol	324.3	7.4	43.9
Ethyl acetate	2.0	ND	
Ethylbenzene	1.4	ND	
Hexane	1.9	ND	
Isopropyl alcohol	30.9	19.7	1.6
m,p-Xylene	3.7	ND	
Methylene chloride	1.2	ND	
n-Heptane	ND	0.5	
o-Xylene	1.4	ND	
Tetrachloroethene	ND	1.2	
Tetrahydrofuran	ND	0.4	
Toluene	4.6	0.6	7.7

ANALYSIS FOR [REDACTED]
SAMPLE ID S148

EXHIBIT 79
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S148-VMP, WEEK 2

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
None		
Cumulative Cancer Risk		0.0
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	20.9	0.00007
Cumulative Hazard Index		0.00007

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	874.9
Propene	12.0

EXHIBIT 80
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S148-INA, WEEK 2

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
None		
Cumulative Cancer Risk		0.0
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	21.1	0.00007
Cumulative Hazard Index		0.00007

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	908.8
Isopropyl alcohol	6.1

EXHIBIT 81
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB VAPOR SAMPLES
 Q1-S148-IND/Q1-S148-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
Acetone	21.1	20.9	1.0
Ethanol	908.8	874.9	1.0
Isopropyl alcohol	6.1	ND	
Propene	ND	12.0	

ANALYSIS FOR [REDACTED]
SAMPLE ID S150

EXHIBIT 82
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q2-S150-VMP, WEEK 18

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Carbon tetrachloride	0.6	3.9E-07
Cumulative Cancer Risk		3.9E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	35.9	0.00011
Toluene	2.9	0.00006
Xylene	0.4	0.00040
Cumulative Hazard Index		0.00056

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Tetrachloroethene	2.4
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.7
Dichlorodifluoromethane (Freon12)	3.0
Trichlorofluoromethane (Freon 11)	1.7
Ethanol	6.0
Isopropyl alcohol	4.5

EXHIBIT 83
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q2-S150-INA, WEEK 18

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	8.4	2.7E-05
Chloromethane	1.3	9.3E-07
Ethylbenzene	7.3	7.5E-06
Methylene chloride	2.3	4.3E-07
Tetrahydrofuran	3.2	3.5E-06
Cumulative Cancer Risk		3.9E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	9.3	1.27281
1,3,5-Trimethylbenzene	2.8	0.43699
2-Butanone (MEK)	12.0	0.00230
Acetone	189.2	0.00591
Cyclohexane	4.3	0.00069
Hexane	54.4	0.07447
Styrene	1.4	0.00130
Toluene	48.8	0.00954
Xylenes	34.6	0.31595
Cumulative Hazard Index		2.11997

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	2.4
4-Ethyltoluene	2.5
Ethanol	400.3
Isopropyl alcohol	73.4
n-Heptane	13.7

EXHIBIT 84
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
Q1-S150-IND/Q1-S150-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	9.3	ND	
1,3,5-Trimethylbenzene	2.8	ND	
2-Butanone (MEK)	12.0	ND	
4-Ethyltoluene	2.5	ND	
Acetone	189.2	35.9	5.3
Benzene	8.4	ND	
Carbon tetrachloride	ND	0.6	
Chloromethane	1.3	ND	
Cyclohexane	4.3	ND	
Ethanol	400.3	6.0	66.8
Ethylbenzene	7.3	ND	
Hexane	54.4	ND	
Isopropyl alcohol	73.4	4.5	16.4
m,p-Xylene	25.9	0.4	59.8
Methylene chloride	2.3	ND	
n-Heptane	13.7	ND	
o-Xylene	8.7	ND	
Styrene	1.4	ND	
Tetrachloroethene	ND	2.4	
Tetrahydrofuran	3.2	ND	
Toluene	48.8	2.9	16.8

ANALYSIS FOR [REDACTED]
SAMPLE ID S167

EXHIBIT 85
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
NA		
Cumulative Cancer Risk		
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
NA		
Cumulative Hazard Index		

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
NA	

EXHIBIT 86
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S167-INA, WEEK 3

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.2	3.8E-06
Chloromethane	1.5	1.1E-06
Cumulative Cancer Risk		4.9E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	22.6	0.00071
Cyclohexane	1.1	0.00017
Toluene	4.0	0.00078
Cumulative Hazard Index		0.00166

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	73.3
Isopropyl alcohol	6.0
Dichlorodifluoromethane (Freon12)	2.5
Trichlorofluoromethane (Freon 11)	5.3

EXHIBIT 87
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB VAPOR SAMPLES

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
NA			

ANALYSIS FOR [REDACTED]
SAMPLE ID S183

EXHIBIT 88
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S183-VMP1, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.3	1.0E-07
Chloromethane	0.2	1.8E-08
Tetrachloroethene	1.8	4.3E-07
Cumulative Cancer Risk		5.5E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	1.4	0.00003
2-Butanone (MEK)	1.5	0.00003
Acetone	14.6	0.00005
Ethyl acetate	1.6	0.00005
Hexane	0.4	0.00006
Toluene	2.3	0.00004
Xylene	0.8	0.00075
1,1,1-Trichloroethane	1.4	0.00003
Cumulative Hazard Index		0.00100

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	1.4
Trichlorofluoromethane (Freon 11)	1.6
Ethanol	9.0
Isopropyl alcohol	1.6
n-Heptane	0.6

EXHIBIT 89
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S183-INA, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.6	5.0E-06
Chloromethane	1.8	1.3E-06
Methylene chloride	1.7	3.2E-07
Cumulative Cancer Risk		6.7E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	27.6	0.00086
Ethyl acetate	4.5	0.00137
Hexane	1.7	0.00227
Toluene	5.8	0.00113
Xylene	2.6	0.02376
Cumulative Hazard Index		0.02939

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	365.8
Isopropyl alcohol	343.6
Dichlorodifluoromethane (Freon12)	2.9
Trichlorofluoromethane (Freon 11)	2.8

EXHIBIT 90
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S183-IND/Q1-S183-VMP1

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,1,1-Trichloroethane	ND	1.4	
2-Butanone (MEK)	ND	1.5	
Acetone	27.6	14.6	1.9
Benzene	1.6	0.3	4.9
Chloromethane	1.8	0.3	7.3
Ethanol	365.8	9.0	40.8
Ethyl acetate	4.5	1.6	2.8
Hexane	1.7	0.4	3.9
Isopropyl alcohol	343.6	1.6	215.4
m,p-Xylene	2.6	0.8	3.2
Methylene chloride	1.7	ND	
n-Heptane	ND	0.6	
Tetrachloroethene	ND	1.8	
Toluene	5.8	2.3	2.6
1,1,1-Trichloroethane	ND	1.4	
2-Butanone (MEK)	ND	1.5	
Acetone	27.6	14.6	1.9
Benzene	1.6	0.3	4.9
Chloromethane	1.8	0.3	7.3
Ethanol	365.8	9.0	40.8
Ethyl acetate	4.5	1.6	2.8

ANALYSIS FOR [REDACTED]
SAMPLE ID S187

EXHIBIT 91
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S187-VMP, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	3.5	1.1E-06
Chloroform	1.2	1.1E-06
Tetrachloroethene	6.4	1.6E-06
Cumulative Cancer Risk		3.8E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	3.5	0.00007
Acetone	19.1	0.00006
Toluene	0.8	0.00002
Cumulative Hazard Index		0.00014

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	1.2
Dichlorodifluoromethane (Freon12)	2.3
Trichlorofluoromethane (Freon 11)	2.9
2-Hexanone (MBK)	1.5
Ethanol	11.4
Isopropyl alcohol	8.0

EXHIBIT 92
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S187-INA, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	1.6	7.1E-06
Benzene	1.1	3.4E-06
Chloroform	1.3	1.2E-05
Chloromethane	1.2	8.3E-07
Methylene chloride	1.1	2.1E-07
Cumulative Cancer Risk		2.3E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	2.2	0.30305
2-Butanone (MEK)	1.4	0.00028
Acetone	16.3	0.00051
Ethyl acetate	1.9	0.00058
Hexane	1.3	0.00179
Toluene	2.1	0.00040
Xylene	1.7	0.01544
Cumulative Hazard Index		0.32205

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	0.8
Dichlorodifluoromethane (Freon12)	3.5
Trichlorofluoromethane (Freon 11)	2.2
4-Ethyltoluene	1.0
Ethanol	394.1
Isopropyl alcohol	16.9

EXHIBIT 93
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S187-IND/Q1-S187-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	2.2	ND	
1,4-Dichlorobenzene	1.6	ND	
2-Butanone (MEK)	1.4	3.5	0.4
2-Hexanone (MBK)	ND	1.5	
4-Ethyltoluene	1.0	ND	
Acetone	16.3	19.1	0.9
Benzene	1.1	3.5	0.3
Chloroform	1.3	1.2	1.1
Chloromethane	1.2	ND	
Ethanol	394.1	11.4	34.7
Ethyl acetate	1.9	ND	
Hexane	1.3	ND	
Isopropyl alcohol	16.9	8.0	2.1
m,p-Xylene	1.7	ND	
Methylene chloride	1.1	ND	
n-Heptane	0.8	1.2	0.7
Tetrachloroethene	ND	6.4	
Toluene	2.1	0.8	2.5

ANALYSIS FOR [REDACTED]
SAMPLE ID S188

EXHIBIT 94
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q2-S188-VMP, WEEK 15

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.4	1.4E-07
Chloroform	2.4	2.2E-06
Tetrachloroethene	7.2	1.8E-06
Trichloroethene	1.1	9.4E-08
Cumulative Cancer Risk		4.2E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	0.6	0.00808
1,3-Dichlorobenzene	0.6	0.00549
2-Butanone (MEK)	6.1	0.00012
Acetone	6.7	0.00002
Toluene	0.8	0.00001
Cumulative Hazard Index		0.01372

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	1.5
1,2-Dichlorotetrafluoroethane (Freon 114)	1.5
Dichlorodifluoromethane (Freon12)	2.8
Trichlorofluoromethane (Freon 11)	1.5
2-Hexanone (MBK)	1.2
Ethanol	6.7

EXHIBIT 95
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q2-S188-INA, WEEK 15

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Chloromethane	1.590	1.1E-06
Cumulative Cancer Risk		1.1E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.5	0.00049
Acetone	31.2	0.00097
Hexane	1.4	0.00188
Toluene	2.3	0.00045
Xylene	1.5	0.01386
Cumulative Hazard Index		0.01765

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	20.6
Dichlorodifluoromethane (Freon12)	3.4
Trichlorofluoromethane (Freon 11)	1.9
Ethanol	181.4

EXHIBIT 96
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S188-IND/Q1-S188-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	ND	0.6	
1,3-Dichlorobenzene	ND	0.6	
2-Butanone (MEK)	ND	6.1	
2-Hexanone (MBK)	ND	1.2	
Acetone	31.2	6.7	4.7
Acetone	ND	ND	
Benzene	ND	0.5	
Chloroform	ND	2.4	
Chloromethane	1.6	ND	
Ethanol	181.4	6.7	27.0
Ethanol	ND	ND	
Hexane	1.4	ND	
Isopropyl alcohol	20.6	1.5	14.0
Isopropyl alcohol	ND	ND	
m,p-Xylene	1.5	ND	
Tetrachloroethene	ND	7.2	
Toluene	2.3	0.8	3.1
Toluene	ND	ND	
Trichloroethene	ND	1.1	

ANALYSIS FOR [REDACTED]
SAMPLE ID S200

EXHIBIT 97
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S200-VMP1, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.8	5.8E-07
Chloromethane	0.4	2.7E-08
Tetrachloroethene	0.9	2.3E-07
Tetrahydrofuran	0.6	6.7E-08
Cumulative Cancer Risk		9.0E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.5	0.00005
Acetone	17.2	0.00005
Cyclohexane	0.3	0.00001
Ethyl acetate	0.5	0.00002
Hexane	0.7	0.00010
Toluene	2.4	0.00005
Xylene	0.9	0.00079
Cumulative Hazard Index		0.00106

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Methyl tert-butyl ether	0.7
n-Heptane	0.8
Dichlorodifluoromethane (Freon12)	1.8
Trichlorofluoromethane (Freon 11)	1.5
2-Hexanone (MBK)	0.5
Ethanol	4.5

EXHIBIT 98
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S200-INA, WEEK 6

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	17.7	8.1E-05
Chloroform	9.3	8.5E-05
Chloromethane	0.8	5.5E-07
Naphthalene	33.5	4.6E-04
Cumulative Cancer Risk		6.3E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	18.1	0.00057
Toluene	1.6	0.00032
Cumulative Hazard Index		0.00088

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	1,246.3
Trichlorofluoromethane (Freon 11)	7.2

EXHIBIT 99
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S200-IND/Q1-S200-VMP1

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	17.7	ND	
2-Butanone (MEK)	ND	2.5	
2-Hexanone (MBK)	ND	0.5	
Acetone	18.1	17.2	1.1
Benzene	ND	1.8	
Chloroform	9.3	ND	
Chloromethane	0.8	0.4	2.1
Cyclohexane	ND	0.3	
Ethanol	1246.3	4.5	278.9
Ethyl acetate	ND	0.5	
Hexane	ND	0.7	
m,p-Xylene	ND	0.9	
Methyl tert-butyl ether	ND	0.7	
Naphthalene	33.5	ND	
n-Heptane	ND	0.8	
Tetrachloroethene	ND	1.0	
Tetrahydrofuran	ND	0.6	
Toluene	1.6	2.4	0.7

ANALYSIS FOR [REDACTED]
SAMPLE ID S203

EXHIBIT 100
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S203-VMP1, WEEK 8

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	1.0	4.4E-07
Benzene	2.0	6.5E-07
Carbon tetrachloride	0.6	3.9E-07
Chloroform	2.1	1.9E-06
Chloromethane	1.4	9.7E-08
Ethylbenzene	0.8	8.5E-08
Methylene chloride	0.8	1.6E-08
Tetrachloroethene	1.5	3.6E-07
Tetrahydrofuran	0.4	4.2E-08
Cumulative Cancer Risk		4.0E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	0.8	0.01145
2-Butanone (MEK)	4.8	0.00009
Acetone	56.6	0.00018
Cyclohexane	1.1	0.00002
Ethyl acetate	1.5	0.00004
Styrene	0.5	0.00004
Toluene	7.8	0.00015
Xylenes	3.2	0.00289
Cumulative Hazard Index		0.01487

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Carbon disulfide	0.3
Ethanol	94.7
Isopropyl alcohol	10.2
n-Heptane	1.6
2-Hexanone (MBK)	0.7
4-Methyl-2-pentanone (MIBK)	1.4

EXHIBIT 101
SAMPLING RESULTS AND CUMULATIVE RISK:
INA/VMP PAIRED SAMPLE:
INDOOR AIR SAMPLE: Q1-S203-INA, WEEK 8

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.5	4.7E-07
Chloroform	2.6	2.4E-06
Tetrachloroethene	1.8	4.5E-07
Cumulative Cancer Risk		3.3E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	1.5	0.02088
2-Butanone (MEK)	3.7	0.00007
Acetone	19.9	0.00006
Ethyl acetate	1.1	0.00003
Hexane	1.0	0.00014
Toluene	7.1	0.00014
Xylenes	2.8	0.00257
Cumulative Hazard Index		0.02389

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	196.1
Isopropyl alcohol	10.0

EXHIBIT 102
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
Q1-S203-IND/Q1-S203-VMP1

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	1.5	0.8	1.8
1,4-Dichlorobenzene	ND	1.0	
2-Butanone (MEK)	3.8	4.8	0.8
2-Hexanone (MBK)	ND	0.7	
4-Methyl-2-pentanone (MIBK)	ND	1.4	
Acetone	19.9	56.6	0.4
Benzene	1.5	2.0	0.7
Carbon disulfide	ND	0.3	
Carbon tetrachloride	ND	0.6	
Chloroform	2.6	2.1	1.3
Chloromethane	ND	1.4	
Cyclohexane	ND	1.1	
Ethanol	196.1	94.7	2.1
Ethyl acetate	1.1	1.5	0.8
Ethylbenzene	ND	0.8	
Hexane	1.0	ND	
Isopropyl alcohol	10.0	10.2	1.0
m,p-Xylene	2.0	2.3	0.9
Methylene chloride	ND	0.8	
n-Heptane	ND	1.6	
o-Xylene	0.8	0.8	1.0
Styrene	ND	0.5	
Tetrachloroethene	1.8	1.5	1.2
Tetrahydrofuran	ND	0.4	
Toluene	7.1	7.8	0.9

ANALYSIS FOR [REDACTED]
SAMPLE ID S211

EXHIBIT 103
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S211-VMP, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.7	3.3E-07
Benzene	1.1	3.7E-07
Tetrachloroethene	0.9	2.2E-07
Tetrahydrofuran	0.3	3.5E-08
Cumulative Cancer Risk		5.1E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.3	0.00004
Acetone	13.4	0.00004
Toluene	2.4	0.00005
Xylene	0.5	0.00044
Cumulative Hazard Index		0.08330

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	0.8
Dichlorodifluoromethane (Freon12)	2.0
Trichlorofluoromethane (Freon 11)	1.6
2-Hexanone (MBK)	1.4
Ethanol	7.1
Isopropyl alcohol	2.0

EXHIBIT 104
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S211-INA, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,3-Butadiene	0.5	5.7E-06
1,4-Dichlorobenzene	6.1	2.8E-05
Benzene	1.4	4.6E-06
Chloromethane	1.1	7.8E-07
Methylene chloride	0.9	1.7E-07
Cumulative Cancer Risk		3.9E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	1.1	0.14816
2-Butanone (MEK)	1.5	0.00029
Acetone	21.0	0.00066
Cyclohexane	0.7	0.00011
Ethyl acetate	3.4	0.00103
Hexane	1.9	0.00266
Toluene	4.7	0.00092
Xylene	1.9	0.01742
Cumulative Hazard Index		0.17124

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	3.6
Trichlorofluoromethane (Freon 11)	2.8
Ethanol	541.1
Isopropyl alcohol	61.3
n-Heptane	1.1

EXHIBIT 105
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S211-IND/Q1-S211-VMP1

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	1.1	ND	
1,3-Butadiene	0.5	ND	
1,4-Dichlorobenzene	6.1	0.7	8.4
2-Butanone (MEK)	1.5	2.3	0.7
2-Hexanone (MBK)	1.4	ND	
Acetone	21.0	13.4	1.6
Benzene	1.4	1.2	1.3
Chloromethane	1.1	ND	
Cyclohexane	0.7	ND	
Ethanol	541.1	7.2	75.7
Ethyl acetate	3.4	ND	
Hexane	1.9	ND	
Isopropyl alcohol	61.4	2.0	30.1
m,p-Xylene	1.9	0.5	4.0
Methylene chloride	0.9	ND	
n-Heptane	1.2	0.8	1.4
Tetrachloroethene	ND	0.9	
Tetrahydrofuran	ND	0.3	
Toluene	4.7	2.4	2.0

ANALYSIS FOR [REDACTED]
SAMPLE ID S213

EXHIBIT 106
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S213-VMP1, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	3.5	1.6E-06
Benzene	2.2	7.1E-07
Chloroform	3.0	2.7E-06
Chloromethane	1.7	1.2E-07
Ethylbenzene	1.5	1.5E-07
Methylene chloride	1.4	2.7E-08
Tetrachloroethene	2.3	5.6E-07
Cumulative Cancer Risk		5.9E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	1.8	0.02424
2-Butanone (MEK)	8.2	0.00016
Acetone	73.9	0.00023
Cyclohexane	1.1	0.00002
Hexane	2.6	0.00036
Toluene	8.1	0.00016
Xylene	5.4	0.00495
Cumulative Hazard Index		0.03012

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	12.2
Isopropyl alcohol	12.9
n-Heptane	2.6
Dichlorodifluoromethane (Freon12)	3.0
Trichlorofluoromethane (Freon 11)	2.9
2-Hexanone (MBK)	3.0
4-Methyl-2-pentanone (MIBK)	1.6

EXHIBIT 107
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S213-INA, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	5.3	2.4E-05
Benzene	1.3	4.3E-06
Chloroform	1.7	1.5E-05
Chloromethane	1.1	7.8E-07
Tetrachloroethene	2.2	5.5E-06
Cumulative Cancer Risk		5.0E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.5	0.00029
Acetone	17.0	0.00053
Ethyl acetate	1.2	0.00036
Hexane	1.9	0.00256
Toluene	4.6	0.00089
Xylene	2.9	0.02613
Cumulative Hazard Index		0.03076

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	1.3
Dichlorodifluoromethane (Freon12)	2.5
Trichlorofluoromethane (Freon 11)	2.2
Ethanol	63.7
Isopropyl alcohol	43.4

EXHIBIT 108
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
Q1-S213-IND/Q1-S213-VMP1

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	ND	1.8	
1,4-Dichlorobenzene	5.3	3.5	1.5
2-Butanone (MEK)	1.5	8.2	0.2
2-Hexanone (MBK)	ND	3.0	
4-Methyl-2-pentanone (MIBK)	ND	1.6	
Acetone	17.0	73.9	0.2
Benzene	1.3	2.2	0.6
Chloroform	1.7	3.0	0.6
Chloromethane	1.1	ND	
Chloromethane	ND	1.7	
Cyclohexane	ND	1.1	
Ethanol	63.7	12.2	5.2
Ethyl acetate	1.2	ND	
Ethylbenzene	ND	1.5	
Hexane	1.9	2.6	0.7
Isopropyl alcohol	43.4	12.9	3.4
m,p-Xylene	2.9	3.9	0.7
Methylene chloride	ND	1.4	
n-Heptane	1.3	2.6	0.5
o-Xylene	ND	1.6	
Tetrachloroethene	2.2	2.3	1.0
Toluene	4.6	8.1	0.6

ANALYSIS FOR [REDACTED]
SAMPLE ID S214

EXHIBIT 109
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S214-VMP, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	1.3	6.0E-07
Benzene	0.4	1.2E-07
Carbon disulfide	0.6	3.5E-07
Chloroform	1.5	1.3E-06
Tetrachloroethene	8.7	2.1E-06
Cumulative Cancer Risk		4.5E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	2.2	0.00004
2-Butanone (MEK)	2.4	0.00005
Acetone	12.9	0.00004
Ethyl acetate	4.1	0.00013
Toluene	2.4	0.00005
Xylene	0.7	0.00059
Cumulative Hazard Index		0.00090

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	1.2
Trichlorofluoromethane (Freon 11)	1.2
2-Hexanone (MBK)	1.1
Ethanol	9.6
Isopropyl alcohol	0.8

EXHIBIT 110
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S214-INA, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	2.5	7.9E-06
Chloroform	23.3	2.1E-04
Chloromethane	2.0	1.4E-06
Cumulative Cancer Risk		2.2E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.1	0.00041
Acetone	21.1	0.00066
Cyclohexane	1.4	0.00023
Ethyl acetate	2.9	0.00089
Hexane	4.3	0.00594
Toluene	6.6	0.00129
Xylene	2.4	0.02217
Cumulative Hazard Index		0.03159

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Trichlorofluoromethane (Freon 11)	1.9
Ethanol	733.5
Isopropyl alcohol	56.2
n-Heptane	2.2
Dichlorodifluoromethane (Freon12)	2.3

EXHIBIT 111
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S214-IND/Q1-S214-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,1,1-Trichloroethane	2.2	ND	
1,4-Dichlorobenzene	1.3	ND	
2-Butanone (MEK)	2.1	2.5	0.9
2-Hexanone (MBK)	ND	1.1	
Acetone	21.2	12.9	1.6
Benzene	2.5	0.4	6.4
Carbon disulfide	ND	0.6	
Chloroform	23.3	1.5	16.0
Chloromethane	2.0	ND	
Cyclohexane	1.5	ND	
Ethanol	733.5	9.6	76.1
Ethyl acetate	2.9	4.1	0.7
Hexane	4.3	ND	
Isopropyl alcohol	56.2	0.8	73.9
m,p-Xylene	2.4	0.7	3.7
n-Heptane	2.2	ND	
Tetrachloroethene	ND	8.8	
Toluene	6.6	2.5	2.7

ANALYSIS FOR [REDACTED]
SAMPLE ID S220

EXHIBIT 112
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S220-VMP, WEEK 2

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Chloroform	1.7	1.5E-06
Tetrachloroethene	6.6	1.6E-06
Trichloroethene	0.5	4.5E-08
Cumulative Cancer Risk		3.2E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	0.7	0.00001
2-Butanone (MEK)	2.4	0.00005
Acetone	14.0	0.00004
Toluene	0.6	0.00001
Cumulative Hazard Index		0.00012

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	2.3
Propene	0.4
1,1,2-Trichlorotrifluoroethane (Freon 113)	1.0
Dichlorodifluoromethane (Freon12)	2.3
Trichlorofluoromethane (Freon 11)	4.5
2-Hexanone (MBK)	1.4
Ethanol	4.8

EXHIBIT 113
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S220-INA, WEEK 2

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,3-Butadiene	0.4	5.5E-06
1,4-Dichlorobenzene	5.4	2.4E-05
Benzene	1.5	4.9E-06
Carbon tetrachloride	0.9	5.9E-06
Chloromethane	1.3	9.3E-07
Ethylbenzene	0.7	7.2E-07
Methylene chloride	1.3	2.5E-07
Tetrachloroethene	1.6	3.8E-06
Cumulative Cancer Risk		4.6E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	0.9	0.00018
1,2,4-Trimethylbenzene	1.2	0.16836
1,3-Dichlorobenzene	4.9	0.45023
2-Butanone (MEK)	1.4	0.00027
Acetone	11.0	0.00034
Ethyl acetate	0.8	0.00023
Hexane	2.1	0.00285
Toluene	4.4	0.00087
Xylenes	2.8	0.02574
Cumulative Hazard Index		0.64907

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Propene	2.1
Dichlorodifluoromethane (Freon12)	2.2
Trichlorofluoromethane (Freon 11)	2.4
Ethanol	143.5
Isopropyl alcohol	58.4
n-Heptane	0.8

EXHIBIT 114
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB VAPOR SAMPLES:
Q1-S220-IND/Q1-S220-VMP

Chemical	Indoor Air Concentration (µg/m ³)	Sub-Slab Concentration (µg/m ³)	Ratio: Indoor Air/ Sub-Slab
1,1,1-Trichloroethane	0.93	0.71	1.31
1,2,4-Trimethylbenzene	1.23	ND	
1,3-Butadiene	0.44	ND	
1,3-Dichlorobenzene	4.93	ND	
1,4-Dichlorobenzene	5.35	ND	
2-Butanone (MEK)	1.42	2.42	0.59
2-Hexanone (MBK)	ND	1.35	
Acetone	11.03	14.04	0.79
Benzene	1.53	ND	
Carbon tetrachloride	0.94	ND	
Chloroform	ND	1.65	
Chloromethane	1.30	ND	
Ethanol	143.49	4.79	29.96
Ethyl acetate	0.76	ND	
Ethylbenzene	0.69	ND	
Hexane	2.08	ND	
Isopropyl alcohol	58.40	2.26	25.87
m,p-Xylene	2.08	ND	
Methylene chloride	1.28	ND	
n-Heptane	0.78	ND	
o-Xylene	0.74	ND	
Propene	2.12	0.41	5.12
Tetrachloroethene	1.56	6.65	0.23
Toluene	4.44	0.56	7.87
Trichloroethene	ND	0.54	
1,1,1-Trichloroethane	0.93	0.71	1.31

ANALYSIS FOR [REDACTED]
SAMPLE ID S225

EXHIBIT 115
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S225-VMP, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.0	3.3E-07
Chloromethane	0.2	1.6E-08
Cumulative Cancer Risk		3.5E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.4	0.00003
Acetone	12.7	0.00004
Toluene	0.5	0.00001
Cumulative Hazard Index		0.00008

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	0.4
Ethanol	3.9
Dichlorodifluoromethane (Freon12)	1.6
Trichlorofluoromethane (Freon 11)	1.5
2-Hexanone (MBK)	0.5
Isopropyl alcohol	21.3

EXHIBIT 116
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S225-INA, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	2.6	1.2E-05
Benzene	1.5	4.8E-06
Chloromethane	1.0	7.1E-07
Tetrahydrofuran	2.0	2.2E-06
Trichloroethene	1.9	1.6E-06
Cumulative Cancer Risk		2.1E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.4	0.00027
Acetone	12.3	0.00039
Hexane	1.3	0.00174
Toluene	3.8	0.00075
Xylene	2.3	0.02138
Cumulative Hazard Index		0.02452

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	141.4
Isopropyl alcohol	35.1

EXHIBIT 117
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S225-INA/Q1-S225-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	2.6	ND	
2-Butanone (MEK)	1.4	1.4	1.0
2-Hexanone (MBK)	ND	0.5	
Acetone	12.3	12.7	1.0
Benzene	1.5	1.0	1.5
Chloromethane	1.0	0.2	4.4
Ethanol	141.4	3.9	36.1
Hexane	1.3	ND	
Isopropyl alcohol	35.1	21.3	1.7
m,p-Xylene	2.3	ND	
n-Heptane	ND	ND	
Tetrahydrofuran	2.0	ND	
Toluene	3.8	0.5	7.3
Trichloroethene	1.9	ND	

ANALYSIS FOR [REDACTED]
SAMPLE ID S234

EXHIBIT 118
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S234-VMP, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.6	2.7E-07
Benzene	1.7	5.6E-07
Chloromethane	0.2	1.8E-08
Tetrachloroethene	3.6	8.8E-07
Tetrahydrofuran	0.9	9.9E-08
Cumulative Cancer Risk		1.8E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	7.4	0.00014
Acetone	27.6	0.00009
Hexane	0.7	0.00009
Toluene	1.4	0.00003
Xylene	0.6	0.00055
Cumulative Hazard Index		0.00090

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	2.2
n-Heptane	1.1
Propene	1.8
Trichlorofluoromethane (Freon 11)	1.3
2-Hexanone (MBK)	1.2
Ethanol	11.8

EXHIBIT 119
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S234-INA, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	2.5	8.1E-06
Chloromethane	1.7	1.2E-06
Methyl tert-butyl ether	1.8	1.9E-07
Methylene chloride	8.0	1.5E-06
Naphthalene	28.2	3.9E-04
Tetrachloroethene	5.9	1.4E-05
Cumulative Cancer Risk		4.2E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	1.9	0.25591
2-Butanone (MEK)	2.6	0.00049
Acetone	41.3	0.00129
Cyclohexane	1.3	0.00022
Ethyl acetate	7.4	0.00225
Hexane	4.5	0.00618
Toluene	5.5	0.00108
Xylene	2.8	0.02574
Cumulative Hazard Index		0.29315

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	2,733.9
Isopropyl alcohol	201.0
n-Heptane	3.1
Dichlorodifluoromethane (Freon12)	2.2

EXHIBIT 120
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S- S234-INA/Q1-S234-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	1.9	ND	
1,4-Dichlorobenzene		0.6	
2-Butanone (MEK)	2.6	7.4	0.4
2-Hexanone (MBK)	ND	1.2	
Acetone	41.4	27.6	1.5
Benzene	2.5	1.7	1.5
Chloromethane	1.7	0.3	7.0
Cyclohexane	1.3	ND	
Ethanol	2734.0	11.8	231.3
Ethyl acetate	7.4	ND	
Hexane	4.5	0.7	6.7
Isopropyl alcohol	201.0	2.2	92.0
m,p-Xylene	2.8	0.6	4.6
Methyl tert-butyl ether	1.8	ND	
Methylene chloride	8.0	ND	
Naphthalene	28.2	ND	
n-Heptane	3.1	1.1	2.9
Propene	ND	1.8	
Tetrachloroethene	5.9	3.6	1.6
Tetrahydrofuran	ND	0.9	
Toluene	5.5	1.4	4.1

ANALYSIS FOR [REDACTED]
SAMPLE ID S238

EXHIBIT 121
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q2-S238-VMP, WEEK 16

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.3	1.0E-07
Carbon disulfide	0.6	3.5E-07
Tetrachloroethene	1.2	2.8E-07
Tetrahydrofuran	0.6	6.7E-08
Cumulative Cancer Risk		8.0E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	4.1	0.00008
Acetone	3.6	0.00001
Ethyl acetate	3.9	0.00012
Toluene	29.9	0.00058
Cumulative Hazard Index		0.00079

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	3.0
Isopropyl alcohol	1.0
Dichlorodifluoromethane (Freon12)	1.9
Trichlorofluoromethane (Freon 11)	1.3

EXHIBIT 122
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S238-INA, WEEK 8

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.6	2.1E-06
Chloromethane	1.1	8.1E-07
Isopropyl alcohol	8.5	9.1E-07
Methylene chloride	0.9	1.8E-07
Cumulative Cancer Risk		4.0E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.7	0.00033
Acetone	12.7	0.00040
Ethyl acetate	1.2	0.00036
Toluene	2.2	0.00043
Xylene	1.2	0.01069
Cumulative Hazard Index		0.01221

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	170.4
Dichlorodifluoromethane (Freon12)	3.3
Trichlorofluoromethane (Freon 11)	3.1

EXHIBIT 123
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S- S238-INA/Q1-S238-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	ND	2.9	
2-Butanone (MEK)	1.7	1.7	1.1
2-Hexanone (MBK)	ND	0.5	
Acetone	12.7	9.0	1.4
Benzene	0.6	0.5	1.3
Chloromethane	1.1	ND	
Ethanol	170.5	12.8	13.4
Ethyl acetate	1.2	ND	
Isopropyl alcohol	8.5	1.5	5.8
m,p-Xylene	1.2	0.6	1.9
Methylene chloride	0.9	ND	
n-Heptane	ND	0.9	
Tetrachloroethene	ND	0.7	
Toluene	2.2	4.6	0.5

ANALYSIS FOR [REDACTED]
SAMPLE ID S241

EXHIBIT 124
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S241-VMP1, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.8	2.6E-07
Chloromethane	0.2	1.3E-08
Methylene chloride	0.3	6.7E-09
Tetrachloroethene	1.0	2.5E-07
Tetrahydrofuran	0.4	4.5E-08
Trichloroethene	1.3	1.1E-07
Cumulative Cancer Risk		6.8E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.2	0.00002
Hexane	0.4	0.00005
Toluene	0.8	0.00001
Cumulative Hazard Index		0.00009

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Acetone	11.2
Ethanol	2.4
Isopropyl alcohol	1.2
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.8
Trichlorofluoromethane (Freon 11)	1.5
1,1,1-Trichloroethane	1.1
2-Hexanone (MBK)	0.5

EXHIBIT 125
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S241-INA, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.4	4.5E-06
Chloromethane	1.5	1.1E-06
Cumulative Cancer Risk		5.6E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	0.9	0.00018
Hexane	1.5	0.00203
Toluene	4.4	0.00085
Cumulative Hazard Index		0.00306

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	181.0
Isopropyl alcohol	3.7
Dichlorodifluoromethane (Freon12)	2.4

EXHIBIT 126
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S241-INA/Q1-S241-VMP1

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,1,1-Trichloroethane	1.2	ND	
2-Butanone (MEK)	0.9	1.2	0.8
2-Hexanone (MBK)	ND	0.5	
Acetone	ND	11.2	
Benzene	1.4	0.8	1.8
Chloromethane	1.6	0.2	8.3
Ethanol	181.0	2.4	76.8
Hexane	1.5	0.4	3.8
Isopropyl alcohol	3.7	1.2	3.2
Methylene chloride	ND	0.4	
Tetrachloroethene	ND	1.0	
Tetrahydrofuran	ND	0.4	
Toluene	4.4	0.8	5.8
Trichloroethene	ND	1.3	

ANALYSIS FOR [REDACTED]
SAMPLE ID S245

EXHIBIT 127
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S245-VMP, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.7	3.0E-07
Cumulative Cancer Risk		3.0E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.2	0.00002
Acetone	7.9	0.00002
Ethyl acetate	2.8	0.00008
Toluene	1.2	0.00002
Xylene	0.7	0.00059
Cumulative Hazard Index		0.00075

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	1.5
Trichlorofluoromethane (Freon 11)	1.2
2-Hexanone (MBK)	0.5
4-Methyl-2-pentanone (MIBK)	0.6
Ethanol	15.4
Isopropyl alcohol	2.4

EXHIBIT 128
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S245-INA, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.3	4.2E-06
Chloromethane	1.7	1.2E-06
Cumulative Cancer Risk		5.4E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	2.1	0.00040
2-Butanone (MEK)	3.2	0.00061
Acetone	21.0	0.00066
Ethyl acetate	4.5	0.00138
Toluene	96.3	0.01885
Xylene	1.9	0.01702
Cumulative Hazard Index		0.03892

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Trichlorofluoromethane (Freon 11)	3.9
2-Hexanone (MBK)	1.5
Ethanol	520.4
Isopropyl alcohol	38.5
Dichlorodifluoromethane (Freon12)	2.4

EXHIBIT 129
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S245INA/Q1-S245VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,1,1-Trichloroethane	2.1	ND	
1,4-Dichlorobenzene	ND	0.7	
2-Butanone (MEK)	3.2	1.2	2.6
2-Hexanone (MBK)	1.5	0.5	3.0
4-Methyl-2-pentanone (MIBK)	ND	0.6	
Acetone	21.0	7.9	2.7
Benzene	1.3	ND	
Chloromethane	1.7	ND	
Ethanol	520.4	15.4	33.9
Ethyl acetate	4.5	2.8	1.6
Isopropyl alcohol	38.5	2.4	16.0
m,p-Xylene	1.9	0.7	2.9
Toluene	96.3	1.2	77.6

ANALYSIS FOR [REDACTED]
SAMPLE ID S254

EXHIBIT 130
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S254-VMP, WEEK 6

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.9	2.9E-07
Tetrachloroethene	24.1	5.9E-06
Tetrahydrofuran	0.6	6.4E-08
Trichloroethene	0.7	5.8E-08
Cumulative Cancer Risk		6.3E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.7	0.00003
Acetone	15.3	0.00005
Toluene	0.8	0.00002
Xylene	0.4	0.00040
Cumulative Hazard Index		0.00049

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	2.1
2-Hexanone (MBK)	0.6
Ethanol	8.3

EXHIBIT 131
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S254-INA, WEEK 6

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	7.3	3.3E-05
Benzene	1.5	4.7E-06
Carbon tetrachloride	0.6	3.9E-06
Chloromethane	1.3	9.3E-07
Ethylbenzene	0.5	4.9E-07
Methylene chloride	0.3	6.7E-08
Tetrahydrofuran	2.7	2.9E-06
Cumulative Cancer Risk		4.6E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Cyclohexane	0.8	0.00012
Ethyl acetate	0.7	0.00022
Hexane	2.4	0.00333
Toluene	2.5	0.00049
Xylenes	1.8	0.01623
Cumulative Hazard Index		0.02039

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	68.3
Isopropyl alcohol	4.9
n-Heptane	1.8

EXHIBIT 132
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S254INA/Q1-S254VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	7.3	ND	
2-Butanone (MEK)	ND	1.7	
2-Hexanone (MBK)	ND	0.6	
Acetone	ND	15.3	
Benzene	1.5	0.9	1.6
Carbon tetrachloride	0.6	ND	
Chloromethane	1.3	ND	
Cyclohexane	0.8	ND	
Ethanol	68.3	8.3	
Ethyl acetate	0.7	ND	
Ethylbenzene	0.5	ND	
Hexane	2.4	ND	
Isopropyl alcohol	4.9	2.1	2.4
m,p-Xylene	1.3	0.4	3.1
Methylene chloride	0.4	ND	
n-Heptane	1.8	ND	
o-Xylene	0.4	ND	
Tetrachloroethene	ND	24.1	
Tetrahydrofuran	2.7	0.6	4.6
Toluene	2.5	0.8	3.0
Trichloroethene	ND	0.7	

ANALYSIS FOR [REDACTED]
SAMPLE ID S267

EXHIBIT 133
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S267-VMP, WEEK 10

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.0	3.2E-07
Tetrachloroethene	1.6	4.0E-07
Tetrahydrofuran	0.4	4.2E-08
Cumulative Cancer Risk		7.6E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.1	0.00004
Acetone	11.5	0.00004
Ethyl acetate	0.5	0.00001
Hexane	0.4	0.00005
Toluene	1.2	0.00002
Xylene	0.5	0.00048
Cumulative Hazard Index		0.00064

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	3.5
n-Heptane	0.5
Propene	0.3
1,1,2-Trichlorotrifluoroethane (Freon 113)	1.1
Dichlorodifluoromethane (Freon12)	2.0
Trichlorofluoromethane (Freon 11)	1.9
2-Hexanone (MBK)	0.6
Ethanol	12.2

EXHIBIT 134
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S267-INA, WEEK 10

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	26.7	1.2E-04
Chloromethane	1.4	9.7E-07
Cumulative Cancer Risk		1.2E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.5	0.00028
Acetone	28.8	0.00090
Toluene	1.6	0.00032
Cumulative Hazard Index		0.00150

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	178.7
Isopropyl alcohol	9.2
Dichlorodifluoromethane (Freon12)	2.9
Trichlorofluoromethane (Freon 11)	2.3

EXHIBIT 135
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 S267-INA/S267-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	26.7	ND	
2-Butanone (MEK)	1.5	2.1	0.7
2-Hexanone (MBK)	ND	0.6	
Acetone	28.8	11.5	2.5
Benzene	ND	1.0	
Chloromethane	1.4	ND	
Ethanol	178.7	12.2	14.7
Ethyl acetate	ND	0.5	
Hexane	ND	0.4	
Isopropyl alcohol	9.2	3.5	2.6
m,p-Xylene	ND	0.5	
n-Heptane	ND	0.5	
Propene	ND	0.3	
Tetrachloroethene	ND	1.6	
Tetrahydrofuran	ND	0.4	
Toluene	1.6	1.2	1.3

ANALYSIS FOR [REDACTED]
SAMPLE ID S269

EXHIBIT 136
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q2-S269-VMP, WEEK 21

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	1.1	5.2E-07
Benzene	0.4	1.1E-07
Carbon tetrachloride	0.8	4.7E-07
Chloroform	0.8	7.5E-07
Chloromethane	0.3	2.1E-08
Methylene chloride	0.1	2.7E-09
Tetrachloroethene	19.5	4.7E-06
Tetrahydrofuran	0.3	3.5E-08
Cumulative Cancer Risk		6.7E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	0.2	0.00000
1,3-Dichlorobenzene	0.5	0.00439
2-Butanone (MEK)	4.6	0.00009
Acetone	8.2	0.00003
Cyclohexane	0.2	0.00000
Ethyl acetate	1.7	0.00005
Hexane	1.3	0.00017
Toluene	5.3	0.00010
trans-1,2-Dichloroethene	0.1	0.00013
Xylene	0.5	0.00048
Cumulative Hazard Index		0.00544

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	6.1
Isopropyl alcohol	1.2
n-Heptane	0.3
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.5
Dichlorodifluoromethane (Freon12)	2.0
Trichlorofluoromethane (Freon 11)	1.1
4-Methyl-2-pentanone (MIBK)	0.5
Carbon disulfide	0.3

EXHIBIT 137
SAMPLING RESULTS AND CUMULATIVE RISK:
INA/VMP PAIRED SAMPLE:
INDOOR AIR SAMPLE: Q2-S269-INA, WEEK 21

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,2-Dichloroethane	0.2	2.2E-06
1,4-Dichlorobenzene	47.5	2.2E-04
Benzene	0.7	2.2E-06
Carbon tetrachloride	0.6	3.9E-06
Chloroform	0.8	7.1E-06
Chloromethane	1.2	8.7E-07
Ethylbenzene	0.7	6.7E-07
Methylene chloride	0.5	8.7E-08
Tetrachloroethene	0.5	1.2E-06
Tetrahydrofuran	2.4	2.6E-06
Trichloroethene	0.2	1.3E-07
Cumulative Cancer Risk		2.4E-04

Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	0.2	0.00003
1,2,4-Trimethylbenzene	1.0	0.14142
2-Butanone (MEK)	8.6	0.00164
Acetone	32.7	0.00102
Cyclohexane	0.4	0.00006
Ethyl acetate	1.9	0.00057
Hexane	3.6	0.00493
Styrene	0.6	0.00057
Toluene	4.1	0.00081
Xylenes	1.8	0.01663
Cumulative Hazard Index		0.16769

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
2-Hexanone (MBK)	1.0
4-Methyl-2-pentanone (MIBK)	0.5
Carbon disulfide	0.2
Ethanol	153.9
Isopropyl alcohol	19.8
n-Heptane	0.7
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.5
Bromodichloromethane	0.2
Dichlorodifluoromethane (Freon 12)	2.2
Trichlorofluoromethane (Freon 11)	1.1

EXHIBIT 138
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
S269-INA/S269-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,1,1-Trichloroethane	0.2	0.2	1.0
1,2,4-Trimethylbenzene	1.0	ND	
1,2-Dichloroethane	0.2	ND	
1,3-Dichlorobenzene	ND	0.5	
1,4-Dichlorobenzene	47.5	1.1	41.6
2-Butanone (MEK)	8.6	4.6	1.9
2-Hexanone (MBK)	1.0	ND	
4-Methyl-2-pentanone (MIBK)	0.5	0.5	1.0
Acetone	32.7	8.2	4.0
Benzene	0.7	0.4	1.9
Bromodichloromethane	0.2	ND	
Carbon disulfide	0.3	0.3	0.7
Carbon tetrachloride	0.6	0.8	0.8
Chloroform	0.8	0.8	0.9
Chloromethane	1.2	0.3	4.2
Cyclohexane	0.4	0.2	1.8
Ethanol	153.9	6.2	25.0
Ethyl acetate	1.9	1.7	1.1
Ethylbenzene	0.7	ND	
Hexane	3.6	1.3	2.8
Isopropyl alcohol	19.8	1.2	16.4
m,p-Xylene	1.3	0.5	2.5
Methylene chloride	0.5	0.1	3.3
n-Heptane	0.7	0.3	2.3
o-Xylene	0.5	ND	
Styrene	0.6	ND	
Tetrachloroethene	0.5	19.5	0.0
Tetrahydrofuran	2.4	0.3	7.3
Toluene	4.1	5.3	0.8
trans-1,2-Dichloroethene	ND	0.1	
Trichloroethene	0.2	ND	

ANALYSIS FOR [REDACTED]
SAMPLE ID S278

EXHIBIT 139
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE
 SUB-SLAB VAPOR SAMPLE: Q1-S278-PVMP2, WEEK 6

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.8	2.6E-07
Carbon tetrachloride	0.6	3.9E-07
Chloroform	1.2	1.1E-06
Chloromethane	0.2	1.6E-08
Tetrachloroethene	0.6	1.5E-07
Cumulative Cancer Risk		1.9E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	7.3	0.00002
Ethyl acetate	0.3	0.00001
Hexane	0.5	0.00007
Toluene	0.7	0.00001
Cumulative Hazard Index		0.00015

Chemicals Without Toxicity Values Or Not Evaluated	Concentration ($\mu\text{g}/\text{m}^3$)
Trichlorofluoromethane (Freon 11)	1.3
2-Hexanone (MBK)	0.5
Ethanol	3.7
Isopropyl alcohol	3.4

EXHIBIT 140
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S278-INA, WEEK 6

Carcinogenic Chemicals		
Carcinogens	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.2	3.8E-06
Chloromethane	1.0	7.2E-07
Tetrachloroethene	2.6	6.3E-06
Cumulative Cancer Risk		1.1E-05
Noncarcinogenic Chemicals		
Noncarcinogens	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	10.0	1.36710
1,3,5-Trimethylbenzene	2.0	0.31214
2-Butanone (MEK)	2.3	0.00044
Acetone	49.0	0.00153
Ethyl acetate	3.0	0.00090
Hexane	1.3	0.00179
Toluene	4.5	0.00088
Xylene	1.8	0.01663
Cumulative Hazard Index		1.70140

Chemicals Without Toxicity Values Or Not Evaluated	Concentration ($\mu\text{g}/\text{m}^3$)
4-Ethyltoluene	2.4
Ethanol	774.9
Isopropyl alcohol	73.4

EXHIBIT 141
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB VAPOR SAMPLES:
S278-INA/S278-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	9.98	6.64	1.50
1,3,5-Trimethylbenzene	1.97	ND	
2-Butanone (MEK)	2.30	4.60	0.50
2-Hexanone (MBK)	ND	1.35	
4-Ethyltoluene	2.41	1.87	1.29
Acetone	48.95	30.89	1.58
Benzene	1.18	1.50	0.79
Chloroform	ND	2.00	
Chloromethane	1.01	ND	
Ethanol	774.93	13.41	57.81
Ethyl acetate	2.95	ND	
Hexane	1.30	ND	
Isopropyl alcohol	73.37	11.31	6.49
m,p-Xylene	1.82	3.25	0.56
o-Xylene	ND	2.21	
Tetrachloroethene	2.58	6.31	0.41
Toluene	4.52	4.48	1.01

ANALYSIS FOR [REDACTED]
SAMPLE ID S280

EXHIBIT 142
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S280-VMP, WEEK 8

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.7	3.3E-07
Benzene	1.3	4.1E-07
Carbon tetrachloride	0.6	3.9E-07
Chloroform	0.8	7.5E-07
Tetrachloroethene	1.0	2.5E-07
Tetrahydrofuran	0.3	3.2E-08
Cumulative Cancer Risk		2.2E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	1.0	0.00002
1,2,4-Trimethylbenzene	0.4	0.00606
2-Butanone (MEK)	3.7	0.00007
Acetone	20.1	0.00006
Toluene	1.5	0.00003
Xylene	1.0	0.00087
Cumulative Hazard Index		0.00711

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	37.7
Isopropyl alcohol	3.3
n-Heptane	0.7
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.7
Dichlorodifluoromethane (Freon12)	2.6
Trichlorofluoromethane (Freon 11)	2.0
2-Hexanone (MBK)	0.7

EXHIBIT 143
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S280-INA, WEEK 8

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	3.1	1.4E-05
Benzene	0.9	3.0E-06
Chloromethane	1.2	8.4E-07
Cumulative Cancer Risk		1.8E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.7	0.00032
Acetone	33.5	0.00105
Ethyl acetate	3.3	0.00101
Hexane	1.2	0.00169
Toluene	4.1	0.00080
Cumulative Hazard Index		0.00487

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	216.8
Isopropyl alcohol	67.7
Dichlorodifluoromethane (Freon12)	3.7
Trichlorofluoromethane (Freon 11)	2.8

EXHIBIT 144
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 Q1-S280-INA/S280-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,1,1-Trichloroethane	ND	1.0	
1,2,4-Trimethylbenzene	ND	0.4	
1,4-Dichlorobenzene	3.1	0.7	4.3
2-Butanone (MEK)	1.7	3.7	0.4
2-Hexanone (MBK)	ND	0.7	
Acetone	33.5	20.1	1.7
Benzene	0.9	ND	
Benzene	ND	1.3	
Carbon tetrachloride	ND	0.6	
Chloroform	ND	0.8	
Chloromethane	1.2	ND	
Ethanol	216.8	37.7	5.8
Ethyl acetate	3.3	ND	
Hexane	1.2	ND	
Isopropyl alcohol	67.7	3.3	20.6
m,p-Xylene	ND	1.0	
n-Heptane	ND	0.7	
Tetrachloroethene	ND	1.0	
Tetrahydrofuran	ND	0.3	
Toluene	4.1	1.5	2.8

ANALYSIS FOR [REDACTED]
SAMPLE ID S283

EXHIBIT 145
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q2-S283-PVMP1, WEEK 15

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	1.5	6.8E-07
Benzene	0.5	1.6E-07
Tetrachloroethene	1.2	2.8E-07
Cumulative Cancer Risk		1.1E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trichlorobenzene	2.4	0.05833
1,2,4-Trimethylbenzene	2.4	0.03300
1,2-Dichlorobenzene	0.8	0.00040
1,3,5-Trimethylbenzene	0.7	0.01092
1,3-Dichlorobenzene	1.0	0.00933
2-Butanone (MEK)	3.1	0.00006
Acetone	12.3	0.00004
Toluene	0.8	0.00002
Xylene	0.7	0.00063
Cumulative Hazard Index		0.11273

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
4-Ethyltoluene	1.1
Ethanol	6.3
Isopropyl alcohol	10.1
n-Heptane	0.4
Dichlorodifluoromethane (Freon12)	2.3
Trichlorofluoromethane (Freon 11)	1.5
2-Hexanone (MBK)	1.4

EXHIBIT 146
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q2-S283-INA, WEEK 15

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	10.9	5.0E-05
Benzene	2.2	7.1E-06
Chloromethane	1.4	1.0E-06
Ethylbenzene	0.6	6.3E-07
Methylene chloride	0.3	6.0E-08
Tetrachloroethene	2.5	6.1E-06
Cumulative Cancer Risk		6.5E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	1.1	0.15489
Acetone	15.7	0.00049
Ethanol	21.3	0.00649
Hexane	1.0	0.00140
Toluene	2.3	0.00046
Xylenes	2.7	0.02455
Cumulative Hazard Index		0.18827

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	0.5
Dichlorodifluoromethane (Freon12)	2.3
Trichlorofluoromethane (Freon 11)	1.5
2-Butanone (MEK)	7.7
2-Hexanone (MBK)	0.9
Isopropyl alcohol	4.7

EXHIBIT 147
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
S283-INA/S283-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
Toluene	2.3	0.8	2.8
Tetrachloroethene	2.5	1.2	2.2
o-Xylene	0.6	ND	
n-Heptane	0.5	0.4	1.2
Methylene chloride	0.3	ND	
m,p-Xylene	2.1	0.7	3.0
Isopropyl alcohol	4.7	10.1	0.5
Hexane	1.0	ND	
Ethylbenzene	0.6	ND	
Ethanol	21.3	6.3	3.4
Chloromethane	1.5	ND	
Benzene	2.2	0.5	4.3
Acetone	15.7	12.3	1.3
4-Ethyltoluene	ND	1.1	
2-Hexanone (MBK)	0.9	1.4	0.7
2-Butanone (MEK)	7.7	3.1	2.5
1,4-Dichlorobenzene	10.9	1.5	7.3
1,3-Dichlorobenzene	ND	1.0	
1,3,5-Trimethylbenzene	ND	0.7	
1,2-Dichlorobenzene	ND	0.8	
1,2,4-Trimethylbenzene	1.1	2.4	0.5
1,2,4-Trichlorobenzene	ND	2.5	

ANALYSIS FOR [REDACTED]
SAMPLE ID S289

EXHIBIT 148
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S289-VMP, WEEK 8

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	2.7	1.2E-06
Carbon disulfide	0.3	2.1E-07
Chloroform	0.5	4.9E-07
Tetrachloroethene	5.4	1.3E-06
Trichloroethene	2.0	1.7E-07
Cumulative Cancer Risk		3.4E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.6	0.00005
Acetone	22.2	0.00007
Ethyl acetate	0.4	0.00001
Toluene	2.1	0.00004
Cumulative Hazard Index		0.00017

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Trichlorofluoromethane (Freon 11)	1.5
2-Hexanone (MBK)	0.5
Ethanol	4.6
Isopropyl alcohol	1.4
Dichlorodifluoromethane (Freon12)	2.2

EXHIBIT 149
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S289-INA, WEEK 8

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	4.6	2.1E-05
Benzene	0.7	2.4E-06
Chloromethane	1.1	8.0E-07
Naphthalene	41.2	5.7E-04
Tetrachloroethene	2.8	6.8E-06
Cumulative Cancer Risk		6.0E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.4	0.00045
Acetone	20.3	0.00063
Ethyl acetate	2.7	0.00083
Hexane	0.9	0.00126
Toluene	3.6	0.00071
Cumulative Hazard Index		0.00388

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Dichlorodifluoromethane (Freon12)	3.4
Trichlorofluoromethane (Freon 11)	2.8
Ethanol	175.5
Isopropyl alcohol	10.6

EXHIBIT 150
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 S289-INA/ S289-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	4.6	2.7	1.7
2-Butanone (MEK)	2.4	2.6	0.9
2-Hexanone (MBK)	ND	0.5	
Acetone	ND	22.2	
Benzene	0.7	ND	
Carbon disulfide	ND	0.3	
Chloroform	ND	0.5	
Chloromethane	1.1	ND	
Ethanol	175.5	4.6	38.0
Ethyl acetate	2.7	0.4	6.3
Hexane	0.9	ND	
Isopropyl alcohol	10.6	1.4	7.4
Naphthalene	41.2	ND	
Tetrachloroethene	2.8	5.4	0.5
Toluene	3.6	2.1	1.8

ANALYSIS FOR [REDACTED]
SAMPLE ID S293

EXHIBIT 151
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE
 SUB-SLAB VAPOR SAMPLE: Q1-S293-VMP1, WEEK 7

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.7	3.3E-07
Benzene	0.5	1.6E-07
Ethylbenzene	0.9	9.4E-08
Tetrachloroethene	0.9	2.2E-07
Cumulative Cancer Risk		8.0E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	1.5	0.02088
1,3,5-Trimethylbenzene	0.6	0.01014
2-Butanone (MEK)	1.8	0.00003
Acetone	8.9	0.00003
Toluene	4.3	0.00008
Xylenes	3.9	0.00360
Cumulative Hazard Index		0.03477

Chemicals Without Toxicity Values Or Not Evaluated	Concentration ($\mu\text{g}/\text{m}^3$)
2-Hexanone (MBK)	0.8
Dichlorodifluoromethane (Freon12)	1.5
Ethanol	5.0
Isopropyl alcohol	0.9
n-Heptane	0.5
Trichlorofluoromethane (Freon 11)	1.1

EXHIBIT 152
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S293-INA, WEEK 7

Carcinogenic Chemicals		
Carcinogens	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	9	4.0E-05
Benzene	2	5.2E-06
Chloromethane	1	9.0E-07
Naphthalene	5	7.5E-05
Cumulative Cancer Risk		1.2E-04
Noncarcinogenic Chemicals		
Noncarcinogens	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	16	0.00050
Toluene	4	0.00088
Cumulative Hazard Index		0.00137

Chemicals Without Toxicity Values Or Not Evaluated	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	68
n-Heptane	1
Dichlorodifluoromethane (Freon12)	5
Trichlorofluoromethane (Freon 11)	5
Ethanol	156

EXHIBIT 153
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB VAPOR SAMPLES:
 S293-INA/S293-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	ND	1.52	
1,3,5-Trimethylbenzene	ND	0.64	
1,4-Dichlorobenzene	8.72	0.72	12.08
2-Butanone (MEK)	ND	1.80	
2-Hexanone (MBK)	ND	0.82	
Acetone	15.92	8.91	1.79
Benzene	1.63	0.51	3.19
Chloromethane	1.26	ND	
Ethanol	155.93	5.03	30.97
Ethylbenzene	ND	0.91	
Isopropyl alcohol	68.22	0.86	79.43
m,p-Xylene	ND	3.12	
Naphthalene	5.39	ND	
n-Heptane	1.43	0.49	2.92
o-Xylene	ND	0.82	
Tetrachloroethene	ND	0.88	
Toluene	4.48	4.33	1.03

ANALYSIS FOR [REDACTED]
SAMPLE ID S294

EXHIBIT 154
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S294-VMP, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.8	5.7E-07
Chloroform	0.8	7.1E-07
Chloromethane	0.2	1.6E-08
Tetrachloroethene	4.0	9.8E-07
Tetrahydrofuran	1.0	1.1E-07
Cumulative Cancer Risk		2.4E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	0.7	0.01010
2-Butanone (MEK)	3.7	0.00007
Acetone	82.0	0.00026
Hexane	0.6	0.00009
m,p-Xylene	0.8	0.00075
Toluene	0.9	0.00002
Cumulative Hazard Index		0.01129

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Carbon disulfide	0.4
Ethanol	6.6
Isopropyl alcohol	5.0
n-Heptane	0.7
Trichlorofluoromethane (Freon 11)	1.4
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.8
2-Hexanone (MBK)	1.4

EXHIBIT 155
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S294-INA, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.5	4.8E-06
Chloroform	0.5	4.9E-06
Chloromethane	1.1	8.1E-07
Methylene chloride	0.5	9.3E-08
Cumulative Cancer Risk		1.1E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.4	0.00027
Cyclohexane	0.6	0.00009
Ethyl acetate	0.3	0.00010
Hexane	1.9	0.00266
Toluene	2.9	0.00057
Xylenes	1.5	0.01386
Cumulative Hazard Index		0.01754

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Trichlorofluoromethane (Freon 11)	1.5
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.8
Ethanol	75.4
Isopropyl alcohol	7.4
n-Heptane	1.0

EXHIBIT 156
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
S294-INA/S294-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	ND	0.7	
2-Butanone (MEK)	1.4	3.7	0.4
2-Hexanone (MBK)	ND	1.4	
Acetone	ND	82.0	
Benzene	1.5	1.8	0.9
Carbon disulfide	ND	0.4	
Chloroform	0.5	0.8	0.7
Chloromethane	1.1	0.2	5.0
Cyclohexane	0.6	ND	
Ethanol	75.4	6.6	11.5
Ethyl acetate	0.3	ND	
Hexane	1.9	0.6	3.1
Isopropyl alcohol	7.4	5.0	1.5
m,p-Xylene	1.1	0.8	1.3
Methylene chloride	0.5	ND	
n-Heptane	1.0	0.7	1.4
o-Xylene	0.4	ND	
Tetrachloroethene	ND	4.0	
Tetrahydrofuran	ND	1.0	
Toluene	2.9	0.9	

ANALYSIS FOR [REDACTED]
SAMPLE ID S301

EXHIBIT 157
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
NA		
Cumulative Cancer Risk		
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
NA		
Cumulative Hazard Index		

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
NA	

EXHIBIT 158
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S301-INA, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	2.0	6.5E-06
Chloromethane	2.4	1.7E-06
Tetrachloroethene	3.1	7.4E-06
Cumulative Cancer Risk		1.6E-05
Noncarcinogenic Chemicals		

Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	37.5	0.00117
Ethyl acetate	9.2	0.00280
Hexane	2.7	0.00367
Toluene	12.4	0.00243
Xylene	2.6	0.02376
Cumulative Hazard Index		0.03383

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	2.2
Dichlorodifluoromethane (Freon12)	2.3
Trichlorofluoromethane (Freon 11)	2.1
2-Butanone (MEK)	3.7
Ethanol	893.7
Isopropyl alcohol	245.4

EXHIBIT 159
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB VAPOR SAMPLES

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
NA			

ANALYSIS FOR [REDACTED]
SAMPLE ID S305

EXHIBIT 160
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S305-VMP, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.8	2.7E-07
Tetrachloroethene	0.7	1.8E-07
Cumulative Cancer Risk		4.5E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.4	0.00005
Acetone	19.0	0.00006
Toluene	5.1	0.00010
Xylene	0.6	0.00051
Cumulative Hazard Index		0.00072

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	2.7
2-Hexanone (MBK)	0.8
Ethanol	4.8
Ethyl acetate	0.4

EXHIBIT 161
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S305-INA, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.4	4.5E-06
Chloromethane	1.6	1.2E-06
Ethylbenzene	2.3	2.4E-06
Cumulative Cancer Risk		8.0E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	19.7	2.70052
1,3,5-Trimethylbenzene	5.7	0.89739
2-Butanone (MEK)	3.2	0.00061
Acetone	33.5	0.00105
Hexane	1.1	0.00145
Toluene	4.3	0.00085
Xylenes	12.4	0.11363
Cumulative Hazard Index		3.71550

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
4-Ethyltoluene	4.6
Ethanol	138.8
Isopropyl alcohol	32.6

EXHIBIT 162
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 S305-INA/S305-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	19.7	ND	
1,3,5-Trimethylbenzene	5.7	ND	
2-Butanone (MEK)	3.2	2.4	1.4
2-Hexanone (MBK)	ND	0.8	
4-Ethyltoluene	4.6	ND	
Acetone	33.5	19.0	1.8
Benzene	1.4	0.8	1.7
Chloromethane	1.6	ND	
Ethanol	138.8	4.8	29.1
Ethyl acetate	ND	0.4	
Ethylbenzene	2.3	ND	
Hexane	1.1	ND	
Isopropyl alcohol	32.6	2.7	12.1
m,p-Xylene	9.1	0.6	16.2
o-Xylene	3.3	ND	
Tetrachloroethene	ND	0.8	
Toluene	4.3	5.1	0.9

ANALYSIS FOR [REDACTED]
SAMPLE ID S309

EXHIBIT 163
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
NA		
Cumulative Cancer Risk		
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
NA		
Cumulative Hazard Index		

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
NA	

EXHIBIT 164
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S309-INA, WEEK 3

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	15.6	7.1E-05
Benzene	1.6	5.0E-06
Chloromethane	1.6	1.2E-06
Ethylbenzene	2.7	2.8E-06
Methylene chloride	1.5	2.8E-07
Cumulative Cancer Risk		8.0E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.8	0.00035
Acetone	85.3	0.00267
Hexane	2.6	0.00362
Toluene	8.2	0.00160
Xylenes	12.5	0.11442
Cumulative Hazard Index		0.12265

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	294.1
Isopropyl alcohol	184.3
n-Heptane	2.8

EXHIBIT 165
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB VAPOR SAMPLES

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
NA			

ANALYSIS FOR [REDACTED]
SAMPLE ID S311

EXHIBIT 166
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S311-VMP, WEEK 3

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	7.5	3.4E-06
Tetrachloroethene	0.7	1.8E-07
Cumulative Cancer Risk		3.6E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.1	0.00002
Acetone	5.9	0.00002
Toluene	0.5	0.00001
Xylene	0.5	0.00044
Cumulative Hazard Index		0.00048

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	11.4
Isopropyl alcohol	0.9

EXHIBIT 167
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S311-INA, WEEK 3

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	129.3	5.9E-04
Benzene	4.4	1.4E-05
Chloromethane	1.5	1.1E-06
Naphthalene	35.3	4.9E-04
Cumulative Cancer Risk		1.1E-03
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.0	0.00039
Acetone	21.2	0.00066
Cyclohexane	1.2	0.00019
Ethyl acetate	6.7	0.00203
Hexane	4.4	0.00604
Toluene	6.2	0.00122
Xylene	2.9	0.02653
Cumulative Hazard Index		0.03705

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	144.4
Isopropyl alcohol	12.4
n-Heptane	2.1

EXHIBIT 168
 CALCULATED ATTENUATION FACTORS:
 AIR/SUB-SLAB SAMPLES:
 S311-INA/S311-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	129.3	7.5	17.3
2-Butanone (MEK)	2.0	1.1	1.9
Acetone	21.2	5.9	3.6
Benzene	4.4	ND	
Chloromethane	1.5	ND	
Cyclohexane	1.2	ND	
Ethanol	144.4	11.4	12.7
Ethyl acetate	6.7	ND	
Hexane	4.4	ND	
Isopropyl alcohol	12.4	0.9	14.4
m,p-Xylene	2.9	0.5	6.1
Naphthalene	35.3	ND	
n-Heptane	2.1	ND	
Tetrachloroethene	ND	0.8	
Toluene	6.3	0.5	12.8

ANALYSIS FOR [REDACTED]
SAMPLE ID S312

EXHIBIT 169
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q2-S312-VMP, WEEK 19

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	1.6	7.1E-07
Chloromethane	0.2	1.5E-08
Hexachlorobutadiene	1.2	1.1E-06
Tetrachloroethene	10.4	2.5E-06
Cumulative Cancer Risk		4.3E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,1,1-Trichloroethane	0.6	0.00001
1,2,4-Trichlorobenzene	4.5	0.10781
1,2,4-Trimethylbenzene	0.7	0.00943
1,2-Dichlorobenzene	0.6	0.00029
1,3-Dichlorobenzene	1.1	0.01043
2-Butanone (MEK)	6.8	0.00013
Acetone	20.9	0.00007
Ethyl acetate	1.6	0.00005
Styrene	1.0	0.00010
Toluene	1.4	0.00003
Xylene	0.8	0.00071
Cumulative Hazard Index		0.12906

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	1.3
Propene	0.3
2-Hexanone (MBK)	3.4
4-Methyl-2-pentanone (MIBK)	0.9
Ethanol	3.4

EXHIBIT 170
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q2-S312-INA, WEEK 19

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	2.7	1.2E-05
Benzene	1.2	3.9E-06
Chloromethane	1.2	8.4E-07
Ethylbenzene	2.5	2.5E-06
Naphthalene	26.8	3.7E-04
Tetrachloroethene	2.1	5.1E-06
Cumulative Cancer Risk		4.0E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	2.8	0.37713
Acetone	30.5	0.00095
Ethyl acetate	5.9	0.00180
Toluene	7.3	0.00144
Xylenes	10.6	0.09700
Cumulative Hazard Index		0.47832

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	159.2
Isopropyl alcohol	25.8

EXHIBIT 171
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 S312-INA/S312-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,1,1-Trichloroethane	ND	0.6	
1,2,4-Trichlorobenzene	ND	4.5	
1,2,4-Trimethylbenzene	2.8	0.7	4.0
1,2-Dichlorobenzene	ND	0.6	
1,3-Dichlorobenzene	ND	1.1	
1,4-Dichlorobenzene	2.7	1.6	1.7
2-Butanone (MEK)	ND	6.8	
2-Hexanone (MBK)	ND	3.4	
4-Methyl-2-pentanone (MIBK)	ND	0.9	
Acetone	30.5	20.9	1.5
Benzene	1.2	ND	
Chloromethane	1.2	0.2	5.7
Ethanol	159.2	3.4	47.2
Ethyl acetate	5.9	1.6	3.6
Ethylbenzene	2.5	ND	
Hexachlorobutadiene	ND	1.2	
Isopropyl alcohol	25.8	1.3	20.2
Isopropyl alcohol		ND	
m,p-Xylene	8.3	0.8	10.6
Naphthalene	26.8	ND	
o-Xylene	2.3	ND	
Propene	ND	0.3	
Styrene	ND	1.0	
Tetrachloroethene	2.1	10.4	0.2
Toluene	7.3	1.4	5.1

ANALYSIS FOR [REDACTED]
SAMPLE ID S313

EXHIBIT 172
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q2-S313-VMP, WEEK 22

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	3.2	1.4E-06
Chloroform	0.8	7.5E-07
Chloromethane	0.3	2.1E-08
Tetrachloroethene	20.9	5.1E-06
Tetrahydrofuran	0.5	5.4E-08
Cumulative Cancer Risk		7.4E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	7.6	0.00015
Acetone	18.0	0.00006
Ethyl acetate	2.8	0.00009
Toluene	1.7	0.00003
Cumulative Hazard Index		0.00032

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
2-Hexanone (MBK)	0.5
Ethanol	17.4
Isopropyl alcohol	2.0

EXHIBIT 173
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q2-S313-INA, WEEK 22

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	36.5	1.7E-04
Benzene	2.0	6.4E-06
Chloroform	3.9	3.6E-05
Chloromethane	1.6	1.1E-06
Ethylbenzene	2.2	2.3E-06
Methylene chloride	1.1	2.2E-07
Tetrachloroethene	17.8	4.3E-05
Cumulative Cancer Risk		2.6E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	3.3	0.45121
2-Butanone (MEK)	8.8	0.00170
Acetone	110.5	0.00345
Hexane	3.0	0.00415
Styrene	1.9	0.00183
Toluene	12.0	0.00235
Xylenes	9.5	0.08631
Cumulative Hazard Index		0.55100

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	122.9
n-Heptane	2.8
2-Hexanone (MBK)	1.3
4-Isopropyltoluene	1.4
Ethanol	116.3

EXHIBIT 174
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 S313-INA/S313-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	3.3	ND	
1,4-Dichlorobenzene	36.5	3.2	11.5
2-Butanone (MEK)	8.8	7.6	1.2
2-Hexanone (MBK)	1.3	0.5	2.6
4-Isopropyltoluene	1.4	ND	
Acetone	110.5	18.0	6.1
Benzene	2.0	ND	
Chloroform	3.9	0.8	4.8
Chloromethane	1.6	0.3	5.5
Ethanol	116.3	17.4	6.7
Ethyl acetate	ND	2.9	
Ethylbenzene	2.2	ND	
Hexane	3.0	ND	
Isopropyl alcohol	122.9	2.0	61.1
m,p-Xylene	6.6	ND	
Methylene chloride	1.2	ND	
n-Heptane	2.8	ND	
o-Xylene	2.9	ND	
Styrene	1.9	ND	
Tetrachloroethene	17.8	20.9	0.9
Tetrahydrofuran	ND	0.5	
Toluene	12.0	1.7	

ANALYSIS FOR [REDACTED]
SAMPLE ID S315

EXHIBIT 175
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S315-VMP, WEEK 3

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Chloromethane	0.2	1.5E-08
Tetrachloroethene	2.5	6.1E-07
Cumulative Cancer Risk		6.3E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	0.5	0.00741
1,3,5-Trimethylbenzene	0.5	0.00780
2-Butanone (MEK)	1.7	0.00003
Acetone	8.4	0.00003
Toluene	0.5	0.00001
Xylene	1.1	0.00103
Cumulative Hazard Index		0.01631

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
2-Hexanone (MBK)	0.5
Carbon disulfide	0.3
Ethanol	10.1
Isopropyl alcohol	6.0

EXHIBIT 176
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S315-INA, WEEK 3

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	10.1	4.6E-05
Benzene	2.0	6.4E-06
Chloromethane	1.7	1.2E-06
Methylene chloride	3.3	6.4E-07
Naphthalene	12.3	1.7E-04
Cumulative Cancer Risk		2.2E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Acetone	32.8	0.00102
Toluene	4.5	0.00088
Xylene	3.1	0.02851
Cumulative Hazard Index		0.03041

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	209.3
Isopropyl alcohol	45.9

EXHIBIT 177
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 S315-INA/S315-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	ND	0.5	
1,3,5-Trimethylbenzene	ND	0.5	
2-Butanone (MEK)	ND	1.7	
2-Hexanone (MBK)	ND	0.5	
Acetone	32.8	8.4	3.9
Benzene	2.0	ND	
Carbon disulfide	ND	0.3	
Chloromethane	1.7	0.2	8.4
Ethanol	209.3	10.1	20.6
Isopropyl alcohol	45.9	6.0	7.7
m,p-Xylene	3.1	1.1	2.8
Methylene chloride	3.3	ND	
Naphthalene	12.3	ND	
Tetrachloroethene	ND	2.5	
Toluene	4.5	0.5	8.6
Toluene	0.5	ND	

ANALYSIS FOR [REDACTED]
SAMPLE ID S325

EXHIBIT 178
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q2-S325-VMP, WEEK 24

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Chloroform	0.5	4.4E-07
Tetrachloroethene	2.4	5.8E-07
Cumulative Cancer Risk		1.0E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.5	0.00003
Acetone	7.3	0.00002
Toluene	0.4	0.00001
Cumulative Hazard Index		0.00006

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	2.1
Isopropyl alcohol	0.8

EXHIBIT 179
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q2-S325-INA, WEEK 24

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Ethylbenzene	2.2	2.2E-06
Methylene chloride	0.6	1.2E-07
Tetrachloroethene	1.2	2.8E-06
Cumulative Cancer Risk		2.0E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
Ethyl acetate	19.5	0.00595
Hexane	11.4	0.01565
Styrene	1.0	0.00094
Toluene	24.7	0.00483
Xylenes	8.2	0.07523
Cumulative Hazard Index		0.78133

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
4-Methyl-2-pentanone (MIBK)	0.4
Carbon disulfide	0.6
Ethanol	213.9
Isopropyl alcohol	19.4
n-Heptane	1.2
2-Hexanone (MBK)	0.4
4-Ethyltoluene	1.3

EXHIBIT 180
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB VAPOR SAMPLES
 S325-INA/S325-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	3.79	ND	
1,3,5-Trimethylbenzene	0.98	ND	
1,4-Dichlorobenzene	37.34	ND	
2-Butanone (MEK)	9.17	1.47	6.22
2-Hexanone (MBK)	0.41	ND	
4-Ethyltoluene	1.28	ND	
4-Methyl-2-pentanone (MIBK)	0.37	ND	
Acetone	71.50	7.30	9.80
Benzene	0.83	ND	
Carbon disulfide	0.62	ND	
Chloroform	2.09	0.49	4.30
Chloromethane	1.26	ND	
Cyclohexane	0.76	ND	
Ethanol	213.87	2.06	104.06
Ethyl acetate	19.53	ND	
Ethylbenzene	2.17	ND	
Hexane	11.42	ND	
Isopropyl alcohol	19.36	0.79	24.66
m,p-Xylene	6.07	ND	
Methylene chloride	0.63	ND	
n-Heptane	1.23	ND	
o-Xylene	2.17	ND	
Styrene	0.98	ND	
Tetrachloroethene	1.15	2.37	0.49
Toluene	24.68	0.38	65.60

ANALYSIS FOR [REDACTED]
SAMPLE ID S341

EXHIBIT 181
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S341-VMP, WEEK 11

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.4	1.4E-07
Chloroform	1.0	9.3E-07
Tetrachloroethene	8.2	2.0E-06
Cumulative Cancer Risk		3.1E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.2	0.00004
Acetone	9.8	0.00003
Hexane	1.0	0.00013
Toluene	2.4	0.00005
Cumulative Hazard Index		0.00025

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
2-Hexanone (MBK)	0.6
Ethanol	5.5
Isopropyl alcohol	5.2
n-Heptane	0.5

EXHIBIT 182
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S341-INA, WEEK 11

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.5	4.7E-06
Chloromethane	1.6	1.1E-06
Methylene chloride	1.5	2.9E-07
Cumulative Cancer Risk		6.2E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	1.6	0.21550
2-Butanone (MEK)	3.5	0.00066
Acetone	48.0	0.00150
Hexane	2.9	0.00401
Toluene	3.6	0.00071
Xylene	2.3	0.02138
Cumulative Hazard Index		0.24377

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	509.1
Isopropyl alcohol	26.3

EXHIBIT 183
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 S341-INA/S341-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	1.6	ND	
2-Butanone (MEK)	3.5	2.2	1.6
2-Hexanone (MBK)	ND	0.6	
Acetone	48.0	9.8	4.9
Benzene	1.5	0.5	3.3
Chloroform	ND	1.0	
Ethanol	509.1	5.5	92.8
Hexane	2.9	1.0	3.1
Isopropyl alcohol	26.3	5.2	5.0
m,p-Xylene	2.3	ND	
Methylene chloride	1.5	ND	
n-Heptane	ND	0.5	
Tetrachloroethene	ND	8.2	
Toluene	3.7	2.5	1.5

ANALYSIS FOR [REDACTED]
SAMPLE ID S342

EXHIBIT 184
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S342-VMP, WEEK 11

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Tetrachloroethene	3.3	8.1E-07
Cumulative Cancer Risk		8.1E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.3	0.00004
Acetone	6.6	0.00002
Hexane	0.8	0.00012
Toluene	1.7	0.00003
Cumulative Hazard Index		0.00021

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	2.8
Isopropyl alcohol	0.8

EXHIBIT 185
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S342-INA, WEEK 11

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.7	5.5E-06
Chloromethane	1.7	1.2E-06
Ethylbenzene	1.5	1.5E-06
Methylene chloride	1.6	3.1E-07
Naphthalene	9.2	1.3E-04
Tetrachloroethene	16.2	4.0E-05
Cumulative Cancer Risk		1.8E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	2.2	0.30305
2-Butanone (MEK)	2.4	0.00047
Acetone	43.5	0.00136
Ethyl acetate	3.8	0.00116
Hexane	7.9	0.01082
Styrene	1.7	0.00163
Toluene	6.1	0.00120
Xylenes	5.5	0.05028
Cumulative Hazard Index		0.36997

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	56.0
n-Heptane	2.0
Ethanol	503.4

EXHIBIT 186
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 S342-INA/S342-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	2.2	ND	
2-Butanone (MEK)	2.5	2.3	1.1
Acetone	43.5	6.6	6.6
Benzene	1.7	ND	
Chloromethane	1.7	ND	
Ethanol	503.4	2.8	182.9
Ethyl acetate	3.8	ND	
Ethylbenzene	1.5	ND	
Hexane	7.9	0.9	9.3
Isopropyl alcohol	56.0	0.8	67.1
m,p-Xylene	3.9	ND	
Methylene chloride	1.6	ND	
Naphthalene	9.2	ND	
n-Heptane	2.0	ND	
o-Xylene	1.6	ND	
Styrene	1.7	ND	
Tetrachloroethene	16.2	3.3	4.9
Toluene	6.1	1.7	3.5

ANALYSIS FOR [REDACTED]
SAMPLE ID S344

EXHIBIT 187
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S344-VMP, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.2	4.0E-07
Chloromethane	0.7	5.3E-08
Tetrachloroethene	2.2	5.3E-07
Cumulative Cancer Risk		9.8E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.1	0.00004
Acetone	13.6	0.00004
Toluene	3.6	0.00007
Xylene	1.6	0.00143
Cumulative Hazard Index		0.00158

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	8.5
Isopropyl alcohol	16.9
n-Heptane	1.6

EXHIBIT 188
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S344-INA, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	5.2	2.4E-05
Benzene	1.3	4.1E-06
Chloromethane	1.1	7.5E-07
Cumulative Cancer Risk		2.8E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.8	0.00035
Acetone	10.2	0.00032
Ethyl acetate	1.4	0.00043
Hexane	1.5	0.00203
Toluene	6.8	0.00133
Xylene	2.2	0.01980
Cumulative Hazard Index		0.02425

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	53.5
Isopropyl alcohol	9.5

EXHIBIT 189
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 S344-INA/S344-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	5.2	ND	
2-Butanone (MEK)	1.8	2.1	0.9
Acetone	10.2	13.6	0.8
Benzene	1.3	1.2	1.0
Chloromethane	1.1	0.7	1.4
Ethanol	53.6	8.5	6.3
Ethyl acetate	1.4	ND	
Hexane	1.5	ND	
Isopropyl alcohol	9.5	16.9	0.6
m,p-Xylene	2.2	1.6	1.4
n-Heptane	ND	1.6	
Tetrachloroethene	ND	2.2	
Toluene	6.8	3.7	1.9

ANALYSIS FOR [REDACTED]
SAMPLE ID S358

EXHIBIT 190
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE:

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
NA		
Cumulative Cancer Risk		
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
NA		
Cumulative Hazard Index		

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
NA	

EXHIBIT 191
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S358-INA, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	2.4	1.1E-05
Benzene	1.4	4.4E-06
Chloromethane	1.3	9.6E-07
Cumulative Cancer Risk		1.6E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	4.0	0.00076
Acetone	17.5	0.00055
Ethyl acetate	2.9	0.00089
Hexane	1.9	0.00266
Toluene	4.3	0.00084
Xylene	1.6	0.01505
Cumulative Hazard Index		0.02074

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	305.4
Isopropyl alcohol	10.3

EXHIBIT 192
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB VAPOR SAMPLES

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
NA			

ANALYSIS FOR [REDACTED]
SAMPLE ID S367

EXHIBIT 193
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S367-VMP, WEEK 3

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.2	4.0E-07
Chloromethane	0.7	5.3E-08
Tetrachloroethene	2.2	5.3E-07
Cumulative Cancer Risk		9.8E-07
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.1	0.00004
Acetone	13.6	0.00004
Toluene	3.6	0.00007
Xylene	1.6	0.00143
Cumulative Hazard Index		0.00158

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	8.5
Isopropyl alcohol	16.9
n-Heptane	1.6

EXHIBIT 194
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S367-INA, WEEK 3

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.9	2.9E-06
Chloromethane	1.0	7.1E-07
Methylene chloride	0.3	6.0E-08
Cumulative Cancer Risk		3.6E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	0.5	0.00010
Acetone	4.7	0.00015
Hexane	0.6	0.00082
m,p-Xylene	0.7	0.00633
Toluene	1.4	0.00028
Cumulative Hazard Index		0.00769

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Trichlorofluoromethane (Freon 11)	2.4
1,2-Dichlorotetrafluoroethane (Freon 114)	1.1
Dichlorodifluoromethane (Freon12)	2.8
Ethanol	25.1
Isopropyl alcohol	19.3

EXHIBIT 195
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 S367-INA/S367-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
2-Butanone (MEK)	0.5	0.9	0.6
Acetone	4.7	7.5	0.6
Benzene	0.9	ND	
Carbon disulfide	ND	0.4	
Chloromethane	1.0	ND	
Ethanol	25.1	2.7	9.4
Hexane	0.6	ND	
Isopropyl alcohol	19.3	0.5	41.3
m,p-Xylene	0.7	ND	
Methylene chloride	0.3	ND	
Propene	ND	0.7	
Tetrachloroethene	ND	3.3	
Toluene	1.4	ND	
Trichloroethene	ND	2.6	

ANALYSIS FOR [REDACTED]
SAMPLE ID S380

EXHIBIT 196
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S380-VMP, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	1.4	6.6E-07
Benzene	0.6	2.1E-07
Chloromethane	0.2	1.6E-08
Tetrachloroethene	0.9	2.2E-07
Cumulative Cancer Risk		1.1E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.5	0.00003
Acetone	20.2	0.00006
Toluene	0.6	0.00001
Cumulative Hazard Index		0.00010

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	6.4
2-Hexanone (MBK)	0.7
Ethanol	4.5

EXHIBIT 197
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S380-INA, WEEK 5

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	70.3	3.2E-05
Benzene	1.3	4.2E-07
Chloromethane	1.6	1.2E-07
Trichloroethene	2.8	2.4E-07
Cumulative Cancer Risk		3.3E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.0	0.00004
Acetone	18.5	0.00006
Toluene	2.6	0.00005
Cumulative Hazard Index		0.00015

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	622.2
Isopropyl alcohol	19.9

EXHIBIT 198
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 S380-INA/S380-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	70.3	1.4	48.8
2-Butanone (MEK)	2.0	1.5	1.3
2-Hexanone (MBK)	ND	0.7	
Acetone	18.5	20.2	0.9
Benzene	1.3	0.6	2.1
Chloromethane	1.6	0.2	7.1
Ethanol	622.2	4.5	137.5
Isopropyl alcohol	19.9	6.4	3.1
Tetrachloroethene	ND	0.9	
Toluene	2.6	0.6	
Trichloroethene	2.9	ND	

ANALYSIS FOR [REDACTED]
SAMPLE ID S384

EXHIBIT 199
 SAMPLING RESULTS AND CUMULATIVE RISK;
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE:

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
NA		
Cumulative Cancer Risk		
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
NA		
Cumulative Hazard Index		

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
NA	

EXHIBIT 200
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S384-INA, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.1	3.6E-07
Chloromethane	1.4	1.0E-07
Naphthalene	12.1	1.7E-05
Cumulative Cancer Risk		1.7E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	1.0	0.00002
Acetone	10.6	0.00003
Hexane	1.1	0.00015
Toluene	2.8	0.00005
Cumulative Hazard Index		0.00026

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	51.3
Isopropyl alcohol	27.2

EXHIBIT 201
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB VAPOR SAMPLES

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
NA			

ANALYSIS FOR [REDACTED]
SAMPLE ID S389

EXHIBIT 202
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE:

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
NA		
Cumulative Cancer Risk		
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
NA		
Cumulative Hazard Index		

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
NA	

EXHIBIT 203
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S389-INA, WEEK 10

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Chloromethane	2.3	1.6E-07
Naphthalene	35.7	5.0E-05
Tetrahydrofuran	2.2	2.4E-07
Cumulative Cancer Risk		5.0E-05

Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	3.2	6.2E-05
Acetone	27.8	8.7E-05
Ethyl acetate	1.6	4.8E-05
Toluene	4.3	8.5E-05
Cumulative Hazard Index		2.8E-04

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	324.3
Isopropyl alcohol	23.6
n-Heptane	2.9

EXHIBIT 204
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB VAPOR SAMPLES

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
NA			

ANALYSIS FOR [REDACTED]
SAMPLE ID S390

EXHIBIT 205
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S390-VMP, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.4	4.5E-07
Chloroform	0.6	5.8E-07
Tetrachloroethene	2.4	5.8E-07
Tetrahydrofuran	0.3	3.2E-08
Cumulative Cancer Risk		1.6E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.7	0.00005
Acetone	16.0	0.00005
Cyclohexane	0.5	0.00001
Ethyl acetate	0.9	0.00003
Toluene	2.2	0.00004
Xylene	0.9	0.00083
Cumulative Hazard Index		0.00101

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	3.1
n-Heptane	0.9
2-Hexanone (MBK)	0.6
Ethanol	13.6

EXHIBIT 206
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S390-INA, WEEK 9

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,2-Dichloroethane	1.2	1.3E-05
1,4-Dichlorobenzene	1.6	7.1E-06
Benzene	1.1	3.5E-06
Chloroform	1.4	1.3E-05
Chloromethane	1.2	8.3E-07
Ethylbenzene	1.3	1.3E-06
Methylene chloride	1.0	1.9E-07
Tetrachloroethene	5.6	1.4E-05
Cumulative Cancer Risk		5.2E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	1.7	0.22897
2-Butanone (MEK)	2.7	0.00052
Acetone	25.7	0.00080
Cyclohexane	1.5	0.00025
Hexane	1.1	0.00155
Toluene	6.8	0.00134
Xylenes	4.9	0.04434
Cumulative Hazard Index		0.27777

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	216.8
Isopropyl alcohol	101.8
n-Heptane	1.5

EXHIBIT 207
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 S390-INA/S390-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	1.7	ND	
1,2-Dichloroethane	1.2	ND	
1,4-Dichlorobenzene	1.6	ND	
2-Butanone (MEK)	2.7	2.7	1.0
2-Hexanone (MBK)	ND	0.6	
Acetone	25.7	16.0	1.6
Benzene	1.1	1.4	0.8
Chloroform	1.4	0.6	2.2
Chloromethane	1.2	ND	
Cyclohexane	1.6	0.5	3.0
Ethanol	216.8	13.6	16.0
Ethyl acetate	ND	0.9	
Ethylbenzene	1.3	ND	
Hexane	1.1	ND	
Isopropyl alcohol	101.8	3.1	32.7
m,p-Xylene	3.6	0.9	4.0
Methylene chloride	1.0	ND	
n-Heptane	1.5	0.9	1.7
o-Xylene	1.3	ND	
Tetrachloroethene	5.6	ND	
Tetrachloroethene	ND	2.4	
Tetrahydrofuran	ND	0.3	
Toluene	6.9	2.2	3.1

ANALYSIS FOR [REDACTED]
SAMPLE ID S392

EXHIBIT 208
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S392-VMP, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.8	2.5E-07
Chloromethane	0.4	3.0E-08
Tetrachloroethene	3.7	8.9E-07
Cumulative Cancer Risk		1.2E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	3.1	0.00006
Acetone	36.6	0.00011
Toluene	0.4	0.00001
Cumulative Hazard Index		0.00018

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
2-Hexanone (MBK)	0.5
Ethanol	5.5
Isopropyl alcohol	1.3

EXHIBIT 209
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S392-VMP, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	0.8	2.5E-07
Chloromethane	0.4	3.0E-08
Tetrachloroethene	3.7	8.9E-07
Cumulative Cancer Risk		1.2E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	3.1	0.00006
Acetone	36.6	0.00011
Toluene	0.4	0.00001
Cumulative Hazard Index		0.00018

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	1.3
2-Hexanone (MBK)	0.5
Ethanol	5.5

EXHIBIT 210
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
S392-INA/S392-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	7.8	ND	
1,3,5-Trimethylbenzene	1.6	ND	
1,4-Dichlorobenzene	7.2	ND	
2-Butanone (MEK)	2.1	3.1	0.7
2-Butanone (MEK)		ND	
2-Hexanone (MBK)	ND	0.5	
4-Ethyltoluene	1.7	ND	
4-Methyl-2-pentanone (MIBK)	1.8	ND	
Acetone	40.9	36.6	1.1
Acetone	ND	ND	
Benzene	1.7	0.8	2.2
Benzene	ND	ND	
Chloromethane	2.0	0.4	5.0
Chloromethane	ND	ND	
Ethanol	1252.0	5.5	225.9
Ethanol	ND	ND	
Ethyl acetate	4.3	ND	
Hexane	1.9	ND	
Isopropyl alcohol	47.4	1.3	35.7
Isopropyl alcohol	ND	ND	
m,p-Xylene	1.6	ND	
Tetrachloroethene	6.1	3.7	1.7
Tetrachloroethene	ND	ND	
Toluene	7.3	0.4	17.6

ANALYSIS FOR [REDACTED]
SAMPLE ID S393

EXHIBIT 211
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
NA		
Cumulative Cancer Risk		
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
NA		
Cumulative Hazard Index		

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
NA	

EXHIBIT 212
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S393-INA, WEEK 4

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	24.6	1.1E-04
Benzene	2.6	8.3E-06
Chloromethane	3.9	2.8E-06
Tetrachloroethene	2.2	5.5E-06
Cumulative Cancer Risk		1.3E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.9	0.00056
Acetone	251.9	0.00787
Ethyl acetate	10.6	0.00321
Toluene	11.7	0.00228
Xylenes	4.9	0.04514
Cumulative Hazard Index		0.05906

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	665.6
Isopropyl alcohol	27.2
n-Heptane	1.4

EXHIBIT 213
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB VAPOR SAMPLES

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
NA			

ANALYSIS FOR [REDACTED]
SAMPLE ID S394

EXHIBIT 214
 SAMPLING RESULTS AND CUMULATIVE RISK;
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S394-VMP2, WEEK 11

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.8	3.8E-07
Benzene	0.6	2.1E-07
Chloroform	2.1	1.9E-06
Tetrachloroethene	3.3	7.9E-07
Trichloroethene	1.3	1.1E-07
Cumulative Cancer Risk		3.4E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.7	0.00005
Acetone	13.5	0.00004
Hexane	0.6	0.00008
Toluene	4.1	0.00008
Xylene	0.5	0.00048
Cumulative Hazard Index		0.00073

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	1.2
2-Hexanone (MBK)	0.4
Ethanol	32.1
Isopropyl alcohol	2.5

EXHIBIT 215
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S394-INA, WEEK 11

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.1	3.5E-06
Chloromethane	2.0	1.5E-06
Cumulative Cancer Risk		5.0E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	3.4	0.00065
Acetone	26.4	0.00082
Ethyl acetate	1.3	0.00041
Hexane	2.2	0.00295
Toluene	5.1	0.00100
Xylene	1.8	0.01623
Cumulative Hazard Index		0.02206

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	9.6
n-Heptane	1.5
Ethanol	460.1

EXHIBIT 216
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB SAMPLES:
 S394-INA/S394-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	ND	0.7	
2-Butanone (MEK)	3.4	1.8	1.9
2-Hexanone (MBK)	ND	0.5	
Acetone	26.4	7.8	3.4
Benzene	1.1	0.6	1.8
Chloroform	ND	0.6	
Chloromethane	2.0	ND	
Ethanol	460.1	11.3	40.6
Ethyl acetate	1.3	0.4	3.1
Hexane	2.2	ND	
Isopropyl alcohol	9.6	2.6	3.7
m,p-Xylene	1.8	0.6	2.9
n-Heptane	1.5	1.4	1.1
Tetrachloroethene	ND	1.7	
Tetrahydrofuran	ND	0.8	
Toluene	5.1	5.6	0.9

ANALYSIS FOR [REDACTED]
SAMPLE ID S395

EXHIBIT 217
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S395-VMP, WEEK 10

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	0.6	2.7E-07
Benzene	0.6	1.9E-07
Chloroform	1.0	9.3E-07
Chloromethane	0.4	2.7E-08
Tetrachloroethene	4.8	1.2E-06
Tetrahydrofuran	1.2	1.2E-07
Trichloroethene	1.8	1.5E-07
Cumulative Cancer Risk		2.9E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
1,2,4-Trimethylbenzene	3.6	0.04916
1,3,5-Trimethylbenzene	0.7	0.01171
2-Butanone (MEK)	2.7	0.00005
Acetone	10.9	0.00003
Hexane	0.9	0.00013
Toluene	3.2	0.00006
Xylenes	2.2	0.00139
Cumulative Hazard Index		0.06316

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
2-Hexanone (MBK)	0.6
4-Ethyltoluene	1.1
4-Methyl-2-pentanone (MIBK)	0.5
Ethanol	5.5
Isopropyl alcohol	2.1
n-Heptane	0.7
Propene	0.8

EXHIBIT 218
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S395-INA, WEEK 10

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,3-Butadiene	1.1	1.4E-05
1,4-Dichlorobenzene	4.6	2.1E-05
Benzene	1.8	5.8E-06
Chloromethane	1.5	1.1E-06
Ethylbenzene	1.3	1.4E-06
Methylene chloride	1.1	2.1E-07
Tetrahydrofuran	2.2	2.4E-06
Cumulative Cancer Risk		4.5E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	6.2	0.00119
Acetone	26.4	0.00082
Ethanol	380.9	0.11594
Hexane	2.7	0.00377
Toluene	9.9	0.00194
Xylenes	4.7	0.04276
Cumulative Hazard Index		0.16643

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	65.0
n-Heptane	4.4

EXHIBIT 219
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB SAMPLES:
S395-INA/S395-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
1,2,4-Trimethylbenzene	ND	3.6	
1,3,5-Trimethylbenzene	ND	0.7	
1,3-Butadiene	1	ND	
1,4-Dichlorobenzene	5	0.6	7.6
2-Butanone (MEK)	6	2.7	2.3
2-Hexanone (MBK)	ND	0.6	
4-Ethyltoluene	ND	1.1	
4-Methyl-2-pentanone (MIBK)	ND	0.5	
Acetone	26	10.9	2.4
Benzene	2	0.6	3.1
Chloroform	ND	1.0	
Chloromethane	2	0.4	4.2
Ethanol	381	5.5	68.9
Ethylbenzene	1	ND	
Hexane	3	0.9	3.0
Isopropyl alcohol	65	2.1	31.6
m,p-Xylene	3	1.5	2.2
Methylene chloride	1	ND	
n-Heptane	4	0.7	5.9
o-Xylene	1	0.7	1.9
Propene	ND	0.8	
Tetrachloroethene	ND	4.8	
Tetrahydrofuran	2	1.2	1.9
Toluene	10	3.2	3.1
Trichloroethene	ND	1.8	

ANALYSIS FOR [REDACTED]
SAMPLE ID S402

EXHIBIT 220
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S402-VMP, WEEK 10

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
None		
Cumulative Cancer Risk		0.0
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.6	0.00005
Acetone	26.1	0.00008
Hexane	0.7	0.00010
Toluene	1.2	0.00002
Xylene	0.5	0.00048
Cumulative Hazard Index		0.00073

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Ethanol	8.3
Isopropyl alcohol	5.9
Propene	0.7
2-Hexanone (MBK)	1.1
Carbon disulfide	0.7

EXHIBIT 221
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S402-INA, WEEK 10

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.1	3.4E-06
Chloromethane	1.5	1.1E-06
Tetrachloroethene	2.6	6.5E-06
Cumulative Cancer Risk		1.1E-05
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	2.2	0.00043
Acetone	37.1	0.00116
Cyclohexane	1.1	0.00018
Ethyl acetate	1.4	0.00043
Hexane	2.9	0.00396
Toluene	4.7	0.00093
Xylene	1.6	0.01425
Cumulative Hazard Index		0.02133

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
Isopropyl alcohol	227.2
n-Heptane	2.0
Ethanol	465.7

EXHIBIT 222
 CALCULATED ATTENUATION FACTORS:
 INDOOR AIR/SUB-SLAB VAPOR SAMPLES
 S402-INA/S402-VMP

Chemical	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Sub-Slab Concentration ($\mu\text{g}/\text{m}^3$)	Ratio: Indoor Air/ Sub-Slab
2-Butanone (MEK)	2.2	2.6	0.9
2-Hexanone (MBK)	ND	1.1	
Acetone	37.1	26.1	1.4
Benzene	1.1	ND	
Carbon disulfide	ND	0.7	
Chloromethane	1.5	ND	
Cyclohexane	1.1	ND	
Ethanol	465.7	8.3	56.0
Ethyl acetate	1.4	ND	
Hexane	2.9	0.7	3.9
Isopropyl alcohol	227.2	5.9	38.7
n-Heptane	2.0	ND	
Propene	ND	0.7	
Tetrachloroethene	2.6	ND	
Toluene	4.7	1.2	4.1
Xylene	1.6	0.5	3.0

ANALYSIS FOR [REDACTED]
SAMPLE ID S426

EXHIBIT 223
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 SUB-SLAB VAPOR SAMPLE: Q1-S426-VMP, WEEK 6

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
Benzene	1.9	6.3E-07
Chloromethane	0.4	2.8E-08
Tetrachloroethene	1.2	3.0E-07
Tetrahydrofuran	0.8	9.0E-08
Trichloroethene	4.1	3.4E-07
Cumulative Cancer Risk		1.4E-06
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	3.8	0.00007
Acetone	16.1	0.00005
cis-1,2-Dichloroethene	0.6	0.00163
Ethyl acetate	0.6	0.00002
Hexane	0.9	0.00012
Toluene	0.9	0.00002
Cumulative Hazard Index		0.00191

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	0.8
2-Hexanone (MBK)	1.5
Ethanol	5.8
Isopropyl alcohol	3.6

EXHIBIT 224
 SAMPLING RESULTS AND CUMULATIVE RISK:
 INA/VMP PAIRED SAMPLE:
 INDOOR AIR SAMPLE: Q1-S426-INA, WEEK 6

Carcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Cancer Risk
1,4-Dichlorobenzene	13.0	5.9E-05
Benzene	2.4	7.7E-06
Chloroform	2.1	1.9E-05
Chloromethane	2.6	1.9E-06
Hexachlorobutadiene	5.2	4.7E-05
Tetrahydrofuran	1.3	1.4E-06
Cumulative Cancer Risk		1.4E-04
Noncarcinogenic Chemicals		
Chemical	Concentration ($\mu\text{g}/\text{m}^3$)	Hazard Quotient
2-Butanone (MEK)	4.3	0.00083
Acetone	32.6	0.00102
Ethyl acetate	1.9	0.00058
Hexane	1.8	0.00241
Toluene	13.1	0.00257
Xylene	2.9	0.02653
Cumulative Hazard Index		0.03394

Chemicals Without Toxicity Values	Concentration ($\mu\text{g}/\text{m}^3$)
n-Heptane	1.6
2-Hexanone (MBK)	2.2
Ethanol	882.4
Isopropyl alcohol	157.1

EXHIBIT 225
CALCULATED ATTENUATION FACTORS:
INDOOR AIR/SUB-SLAB VAPOR SAMPLES
S426-INA/S426-VMP

Chemical	Indoor Air Concentration (µg/m ³)	Sub-Slab Concentration (µg/m ³)	Ratio: Indoor Air/ Sub-Slab
1,4-Dichlorobenzene	13.0	ND	
2-Butanone (MEK)	4.3	3.8	1.1
2-Hexanone (MBK)	2.2	1.5	1.5
Acetone	32.6	16.1	2.0
Benzene	2.4	1.9	1.2
Chloroform	2.1	ND	
Chloromethane	2.6	0.4	6.6
cis-1,2-Dichloroethene	ND	0.6	
Ethanol	882.4	5.8	152.9
Ethyl acetate	1.9	0.6	3.3
Hexachlorobutadiene	5.2	ND	
Hexane	1.8	0.9	2.0
Isopropyl alcohol	157.1	3.6	43.2
n-Heptane	1.6	0.8	2.0
Tetrachloroethene	1.2	ND	
Tetrahydrofuran	1.3	0.8	1.6
Toluene	13.1	0.9	14.5
Trichloroethene	ND	4.1	
Xylene	2.9	ND	