Table 1
USEPA Vapor Intrusion Screening Levels
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Screening Level (ug/m^3)	
	Sub-Slab	Indoor Air
1,1,1-Trichloroethane	730000	22000
1,1,2,2-Tetrachloroethane	7	0.21
1,1,2-Trichloroethane	26	0.77
1,1-Dichloroethane	260	7.7
1,1-Dichloroethene	29000	880
1,2,4-Trichlorobenzene	290	8.8
1,2,4-Trimethylbenzene	1000	31
1,2-Dibromoethane	0.68	0.02
1,2-Dichlorobenzene	29000	880
1,2-Dichloroethane	16	0.47
1,2-Dichloropropane	41	1.2
1,3,5-Trimethylbenzene	---	---
1,3-Butadiene	14	0.41
1,3-Dichlorobenzene	---	---
1,4-Dichlorobenzene	37	1.1
1,4-Dioxane	82	2.5
2,2,4-Trimethylpentane	---	---
2-Butanone (Methyl Ethyl Ketone)	730000	22000
2-Chlorotoluene	---	---
2-Hexanone	4400	130
3-Chloropropene	68	2
4-Ethyltoluene	---	---
Acetone	4500000	140000
alpha-Chlorotoluene	8.3	0.25
Benzene	52	1.6
Bromodichloromethane	11	0.33
Bromoethene	13	0.38
Bromoform	370	11
Bromomethane	730	22
Carbon Disulfide	100000	3100
Carbon Tetrachloride	68	2
Chlorobenzene	7300	220
Chloroethane	1500000	44000
Chloroform	18	0.53
Chloromethane	13000	390
cis-1,2-Dichloroethene	---	---
cis-1,3-Dichloropropene	---	---
Cumene	58000	1800

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Compound	Industrial Screening Level (ug/m^3)	
	Sub-Slab	Indoor Air
Cyclohexane	880000	26000
Dibromochloromethane	---	---
Ethanol	---	---
Ethyl Acetate	10000	310
Ethylbenzene	160	4.9
Freon 11	---	---
Freon 113	4400000	130000
Freon 114	---	---
Freon 12	15000	440
Heptane	---	---
Hexachlorobutadiene	19	0.56
Hexane	100000	3100
Isopentane	---	---
Isopropyl Alcohol	29000	880
Methane	---	---
Methanol	2900000	88000
Methyl Isobutyl Ketone	440000	13000
Methyl Tert Butyl Ether	1600	47
Methylcyclohexane	---	---
Methylene Chloride	41000	1200
Methylmethacrylate	100000	3100
Naphthalene	12	0.36
n-Butane	---	---
Propane	---	---
Propylbenzene	150000	4400
Propylene	440000	13000
Styrene	150000	4400
Tertiary Butyl Alcohol	---	---
Tetrachloroethene	1600	47
Tetrahydrofuran	290000	8800
Toluene	730000	22000
trans-1,2-Dichloroethene	---	---
trans-1,3-Dichloropropene	---	---
Trichloroethene	100	3
Vinyl Acetate	29000	880
Vinyl Chloride	93	2.8
Total Xylenes	15000	440

Notes:
---: The USEPA has not developed a vapor intrusion screening level for this parameter.

Table 2
Building 7 Sub-Slab Soil Gas Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Sub-Slab Screening Level (ug/m^3)	Sample ID/Sample Date						
		B7SS-1	B7SS-1D	B7SS-2	B7SS-3	B7SS-4	B7SS-5	B7SS-6
		6/12/2016	6/12/2016	6/12/2016	6/12/2016	6/12/2016	6/12/2016	6/12/2016
		Analytical Result (ug/m^3)						
1,1,1-Trichloroethane	730000	<6.3	<6.8	<6.3	<6	<6.6	<6.2	<6.6
1,1,2,2-Tetrachloroethane	7	<8	<8.5	<8	<7.6	<8.3	<7.9	<8.3
1,1,2-Trichloroethane	26	<6.3	<6.8	<6.3	<6	<6.6	<6.2	<6.6
1,1-Dichloroethane	260	<4.7	<5	<4.7	<4.4	<4.9	<4.6	<4.9
1,1-Dichloroethene	29000	<4.6	<4.9	<4.6	<4.4	<4.8	<4.5	<4.8
1,2,4-Trichlorobenzene	290	<34	<37	<34	<33	<36	<34	<36
1,2,4-Trimethylbenzene	1000	<5.7	<6.1	<5.7	<5.4	<5.9	**3.1 J**	<5.9
1,2-Dibromoethane (EDB)	0.68	<8.9	<9.5	<8.9	<8.4	<9.2	<8.8	<9.3
1,2-Dichlorobenzene	29000	<7	<7.4	<7	<6.6	<7.2	<6.9	<7.3
1,2-Dichloroethane	16	<4.7	<5	<4.7	<4.4	<4.9	<4.6	<4.9
1,2-Dichloropropane	41	<5.4	<5.7	<5.4	<5.1	<5.6	<5.3	<5.6
1,3,5-Trimethylbenzene	---	<5.7	<6.1	<5.7	<5.4	<5.9	<5.6	<5.9
1,3-Butadiene	14	<2.6	<2.7	<2.6	<2.4	<2.7	<2.5	<2.7
1,3-Dichlorobenzene	---	<7	<7.4	<7	<6.6	<7.2	<6.9	<7.3
1,4-Dichlorobenzene	37	<7	<7.4	<7	<6.6	<7.2	<6.9	<7.3
1,4-Dioxane	82	<17	<18	<17	<16	<17	<16	<17
2,2,4-Trimethylpentane	---	<5.4	<5.8	<5.4	**0.78 J**	<5.6	<5.3	<5.6
2-Butanone (Methyl Ethyl Ketone)	730000	**8.6 J**	**6.7 J**	**17**	**8.8 J**	**9.2 J**	**5.8 J**	**7.5 J**
2-Hexanone	4400	**0.91 J**	<20	**1.4 J**	**1.3 J**	**1.2 J**	**1.3 J**	**1.4 J**
3-Chloropropene	68	<14	<16	<14	<14	<15	<14	<15
4-Ethyltoluene	---	<5.7	<6.1	<5.7	**0.81 J**	<5.9	**3 J**	<5.9
Acetone	4500000	**130**	**31**	**100**	**31**	**110**	**20 J**	**60**
alpha-Chlorotoluene	8.3	<6	<6.4	<6	<5.7	<6.2	<5.9	<6.3
Benzene	52	<3.7	<4	**2 J**	**0.69 J**	<3.8	<3.6	<3.9
Bromodichloromethane	11	<7.8	<8.3	<7.8	<7.4	<8.1	<7.7	<8.1
Bromoform	370	<12	<13	<12	<11	<12	<12	<12
Bromomethane	730	<45	<48	<45	<43	<47	<44	<47
Carbon Disulfide	100000	**13 J**	<15	**9.7 J**	**18**	**21**	**0.58 J**	**19**
Carbon Tetrachloride	68	<7.3	<7.8	<7.3	<6.9	<7.6	<7.2	<7.6
Chlorobenzene	7300	<5.3	<5.7	<5.3	<5.1	<5.5	<5.3	<5.6
Chloroethane	1500000	<12	<13	<12	<12	<13	<12	<13
Chloroform	18	<5.7	<6	<5.7	<5.4	<5.9	<5.6	**4.6 J**
Chloromethane	13000	<24 UJJ	<26 UJJ	<24 UJJ	<23 UJJ	<25 UJJ	<24 UJJ	<25 UJJ
cis-1,2-Dichloroethene	---	<4.6	<4.9	<4.6	<4.4	<4.8	<4.5	<4.8
cis-1,3-Dichloropropene	---	<5.3	<5.6	<5.3	<5	<5.5	<5.2	<5.5
Cumene	58000	<5.7	**4.4 J**	<5.7	<5.4	<5.9	<5.6	<5.9
Cyclohexane	880000	<4	<4.3	<4	<3.8	<4.1	<3.9	<4.2
Dibromochloromethane	---	<9.9	<10	<9.9	<9.4	<10	<9.8	<10
Ethanol	---	**10 J0 J**	<9.3 UJJ	**60 J0 J**	**15 J0 J**	**40 J0 J**	<8.6 UJJ	<9.1 UJJ
Ethylbenzene	160	<5	<5.4	**2.7 J**	**1.7 J**	<5.2	**1.5 J**	<5.2
Freon 11	---	**17**	**16**	**21**	**6.4**	**23**	**16**	**1.9 J**
Freon 113	4400000	<8.9	<9.5	<8.9	<8.4	<9.2	<8.8	<9.3
Freon 114	---	<8.1	<8.7	<8.1	<7.7	<8.4	<8	<8.4
Freon 12	15000	<5.7	<6.1	<5.7	<5.4	<6	**1.6 J**	<6
Heptane	---	**0.99 J**	**1.1 J**	**14**	**8.5**	**9.4**	**8.6**	**5**
Hexachlorobutadiene	19	<49	<53	<49	<47	<51	<49	<52
Hexane	100000	<4.1	<4.4	<4.1	<3.9	**1.2 J**	<4	<4.3
Isopropyl Alcohol	29000	**4.6 J**	**2.3 J**	**11**	**15**	**6.2 J**	**2.8 J**	**12**
Methanol	2900000	<300	<330	<300	<290	<320	<300	<320
Methyl Isobutyl Ketone	440000	<4.8	<5.1	<4.8	<4.5	**1.2 J**	<4.7	<5
Methyl tert-butyl ether	1600	<4.2	<4.5	<4.2	<4	<4.3	<4.1	<4.4
Methylene Chloride	41000	<40	<43	<40	<38	<42	<40	**1.4 J**
Naphthalene (TO-15)	12	<12	<13	<12	<12	<13	<12	<13
Naphthalene (TO-17)	12	<2.5	<2.5	**1.2 J**	<2.5	<2.5	**2 J**	<2.5
Propylbenzene	150000	<5.7	<6.1	<5.7	<5.4	<5.9	<5.6	<5.9

Table 2
Building 7 Sub-Slab Soil Gas Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Sub-Slab Screening Level (ug/m^3)	Sample ID/Sample Date						
		B7SS-1	B7SS-1D	B7SS-2	B7SS-3	B7SS-4	B7SS-5	B7SS-6
		6/12/2016	6/12/2016	6/12/2016	6/12/2016	6/12/2016	6/12/2016	6/12/2016
		Analytical Result (ug/m^3)						
Styrene	150000	<4.9	<5.3	**17**	**2.2 J**	**0.96 J**	**1.7 J**	<5.2
Tetrachloroethene	1600	<7.9	<8.4	<7.9	<7.5	<8.2	<7.8	<8.2
Tetrahydrofuran	290000	<3.4	<3.6	<3.4	<3.2	<3.6	<3.4	<3.6
Toluene	730000	**4.2 J**	**4.3 J**	**1.6 J**	**8.1**	**1.3 J**	**5.5**	**1.3 J**
trans-1,2-Dichloroethene	---	<4.6	<4.9	<4.6	<4.4	<4.8	<4.5	<4.8
trans-1,3-Dichloropropene	---	<5.3	<5.6	<5.3	<5	<5.5	<5.2	<5.5
Trichloroethene	100	<6.2	**3.2 J**	<6.2	<5.9	<6.5	<6.2	**1.2 J**
Vinyl Chloride	93	<3	<3.2	<3	<2.8	<3.1	<2.9	<3.1
Total Xylenes	15000	**1.6 J**	**1.5 J**	**9 J**	**4.9 J**	**0.96 J**	**8.9 J**	**1.3 J**
Methane (%)	0.5	**0.00018 J**	**0.0002 J**	**0.00023**	**0.0002 J**	**0.00018 J**	**0.00025 J**	**0.00016 J**

Notes:

Detected results are shown in bold. Values which exceed the screening level are shown shaded.

---: The USEPA has not developed a vapor intrusion screening level for this parameter.

J: Indicates an estimated value

J0: Indicates an estimated value due to bias in the continuing calibration verification (CCV)

UJ: Indicates the analyte was not detected above the reporting limit. However, the reporting limit is approximate

Table 3
Building 7 Indoor Air Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Indoor Air Screening Level (ug/m^3)	Sample ID/Sample Date								Sample ID/Sample Date							
		B7IA-1	B7IA-1D	B7IA-1	B7IA-1D	B7IA-2	B7IA-2	B7IA-3	B7IA-3	B7IA-4	B7IA-4	B7IA-5	B7IA-5	B7IA-6	B7IA-6	B7AA	B7AA
		5/14/2016	5/14/2016	6/11/2016	6/11/2016	5/14/2016	6/11/2016	5/14/2016	6/11/2016	5/14/2016	6/11/2016	5/14/2016	6/11/2016	5/14/2016	6/11/2016	5/17/2016	6/11/2016
		Indoor Air								Indoor Air						Ambient Air	
		Analytical Result (ug/m^3)								Analytical Result (ug/m^3)							
1,1,1-Trichloroethane	22000	<0.89	<0.9	<0.88	<0.91	<1.1	<0.87	<0.98	<1	<0.88	<0.87	<0.86	<0.92	<1.5	<0.83	<0.94	<1
1,1,2,2-Tetrachloroethane	0.21	<1.1	<1.1	<1.1	<1.1	<1.4	<1.1	<1.2	<1.3	<1.1	<1.1	<1.1	<1.2	<1.8	<1	<1.2	<1.3
1,1,2-Trichloroethane	0.77	<0.89	<0.9	<0.88	<0.91	<1.1	<0.87	<0.98	<1	<0.88	<0.87	<0.86	<0.92	<1.5	<0.83	<0.94	<1
1,1-Dichloroethane	7.7	<0.66	<0.67	<0.65	<0.68	<0.84	<0.65	<0.73	<0.76	<0.66	<0.64	<0.64	<0.68	<1.1	<0.62	<0.7	<0.76
1,1-Dichloroethene	880	<0.65	<0.66	<0.64	<0.66	<0.82	<0.63	<0.71	<0.74	<0.64	<0.63	<0.63	<0.67	<1.1	<0.61	<0.68	<0.74
1,2,4-Trichlorobenzene	8.8	<6.1	**0.84 J**	<6	<6.2	<7.7	<5.9	<6.7	<6.9	<6	<5.9	<5.9	<6.3	<9.9	<5.7	<6.4	<7
1,2,4-Trimethylbenzene	31	<0.81 UJJ	<0.82 UJJ	**0.25 J**	**0.25 J**	**0.32 JJ**	**0.27 J**	**0.67 JJ**	**0.62 J**	<0.8 UJJ	**0.22 J**	**0.2 JJ**	**0.2 J**	<1.3 UJJ	**1.2**	<0.85	<0.92
1,2-Dibromoethane (EDB)	0.02	<1.3	<1.3	<1.2	<1.3	<1.6	<1.2	<1.4	<1.4	<1.2	<1.2	<1.2	<1.3	<2	<1.2	<1.3	<1.4
1,2-Dichlorobenzene	880	<0.99	<1	<0.97	<1	<1.2	<0.96	<1.1	<1.1	<0.97	<0.96	<0.95	<1	<1.6	<0.92	<1	<1.1
1,2-Dichloroethane	0.47	<0.66	<0.67	<0.65	<0.68	<0.84	<0.65	**0.45 J**	**0.49 J**	<0.66	<0.64	<0.64	<0.68	<1.1	<0.62	<0.7	<0.76
1,2-Dichloropropane	1.2	<0.76	<0.77	<0.74	<0.77	<0.96	<0.74	<0.83	<0.86	<0.75	<0.73	<0.73	<0.78	<1.2	<0.71	<0.8	<0.87
1,3,5-Trimethylbenzene	---	<0.81	<0.82	<0.79	<0.82	**0.21 J**	<0.79	**0.31 J**	**0.27 J**	<0.8	<0.78	<0.78	<0.83	<1.3	**0.32 J**	<0.85	<0.92
1,3-Butadiene	0.41	<0.36	<0.37	<0.36	<0.37	<0.46	**0.15 J**	<0.4	<0.41	<0.36	<0.35	<0.35	<0.37	<0.59	<0.34	<0.38	<0.42
1,3-Dichlorobenzene	---	<0.99	<1	<0.97	<1	<1.2	<0.96	<1.1	<1.1	<0.97	<0.96	<0.95	<1	<1.6	<0.92	<1	<1.1
1,4-Dichlorobenzene	1.1	<0.99	**0.18 J**	<0.97	<1	<1.2	<0.96	**0.21 J**	<1.1	<0.97	<0.96	<0.95	<1	<1.6	<0.92	<1	<1.1
1,4-Dioxane	2.5	<0.59	<0.6	<0.58	<0.6	<0.74	**0.71**	<0.65	<0.67	<0.58	<0.57	<0.57	<0.61	<0.96	<0.55	<0.62	**0.52 J**
2,2,4-Trimethylpentane	---	<3.8	<3.9	<3.8	<3.9	<4.8	<3.7	<4.2	<4.4	<3.8	<3.7	<3.7	<3.9	<6.2	<3.6	<4	<4.4
2-Butanone (Methyl Ethyl Ketone)	22000	**3**	**3.5**	**7.9**	**2.5**	**4.8**	**7.1**	**5.6**	**3**	**3.4**	**5**	**4.6**	**5.1**	**4.3**	**6**	**1.5 J**	**2.7 J**
2-Hexanone	130	**0.64 J**	**0.67 J**	**1.5 J**	**0.4 J**	**0.69 J**	**1.4 J**	**0.78 J**	<3.8	<3.3	**0.66 J**	**0.81 J**	**1 J**	**0.67 J**	**0.62 J**	<3.5	**0.53 J**
3-Chloropropene	2	<2.6	<2.6	<2.5	<2.6	<3.2	<2.5	<2.8	<2.9	<2.5	<2.5	<2.5	<2.6	<4.2	<2.4	<2.7	<2.9
4-Ethyltoluene	---	**0.14 J**	**0.17 J**	**0.18 J**	**0.25 J**	**0.22 J**	**0.17 J**	**0.55 J**	**0.5 J**	**0.12 J**	**0.18 J**	**0.16 J**	<0.83	**0.26 J**	**0.66 J**	<0.85	<0.92
Acetone	140000	**21**	**20**	**34 J**	**15 J**	**36**	**28**	**37**	**27**	**17**	**22**	**17**	**21**	**21**	**14**	**14**	**14**
alpha-Chlorotoluene	0.25	<0.85	<0.86	<0.83	<0.86	<1.1	<0.83	<0.93	<0.97	<0.84	<0.82	<0.82	<0.87	<1.4	<0.79	<0.9	<0.97
Benzene	1.6	**0.29 J**	**0.28 J**	**0.29 J**	**0.31 J**	**0.39 J**	**0.27 J**	**0.34 J**	**0.3 J**	**0.26 J**	**0.26 J**	**0.34 J**	**0.29 J**	**0.37 J**	**0.35 J**	<0.55	**0.25 J**
Bromodichloromethane	0.33	<1.1	<1.1	<1.1	<1.1	<1.4	<1.1	<1.2	<1.2	<1.1	<1.1	<1	<1.1	<1.8	<1	<1.2	<1.2
Bromoform	11	<1.7	<1.7	<1.7	<1.7	<2.1	<1.6	<1.9	<1.9	<1.7	<1.6	<1.6	<1.7	<2.8	<1.6	<1.8 J	<1.9
Bromomethane	22	<3.2	<3.2	<3.1	<3.2	<4	<3.1	<3.5	<3.6	<3.1	<3.1	<3.1	<3.3	<5.2	<3	<3.4	<3.6
Carbon Disulfide	3100	**1.8 J**	**1.4 J**	<2.5	**0.22 J**	**1.5 J**	**0.22 J**	**1.4 J**	**0.39 J**	**1.2 J**	<2.5	**1.2 J**	**0.3 J**	**2.8 J**	**0.27 J**	<2.7	<2.9
Carbon Tetrachloride	2	**0.44 J**	<1	**0.44 J**	**0.37 J**	**0.38 J**	**0.52 J**	**0.35 J**	**0.53 J**	**0.38 J**	**0.5 J**	<0.99	**0.46 J**	<1.7	**0.5 J**	**0.42 J**	**0.46 J**
Chlorobenzene	220	<0.76	<0.76	<0.74	<0.77	<0.95	<0.74	<0.83	<0.86	<0.74	<0.73	<0.73	<0.78	<1.2	<0.7	<0.8	<0.86
Chloroethane	44000	<2.2	<2.2	<2.1	<2.2	<2.7	<2.1	<2.4	<2.5	<2.1	<2.1	<2.1	<2.2	<3.5	<2	<2.3	<2.5
Chloroform	0.53	**0.46 J**	**0.53 J**	<0.79	<0.82	**0.72 J**	**0.19 J**	**0.53 J**	<0.91	<0.79	<0.78	**0.46 J**	**0.32 J**	**0.62 J**	**0.28 J**	<0.84	<0.92
Chloromethane	390	**1.4 J**	**1.2 J**	**2.2**	**2.3**	**1.2 J**	**1.8**	**1.4 J**	**2.2**	**1.6 J**	**2.2**	**1.3 J**	**2.1**	**1.4 J**	**2**	**1.9**	**1.9 J**
cis-1,2-Dichloroethene	---	<0.65	<0.66	<0.64	<0.66	<0.82	<0.63	<0.71	<0.74	<0.64	<0.63	<0.63	<0.67	<1.1	<0.61	<0.68	<0.74
cis-1,3-Dichloropropene	---	<0.74	<0.75	<0.73	<0.76	<0.94	<0.73	<0.82	<0.85	<0.74	<0.72	<0.72	<0.77	<1.2	<0.69	<0.78	<0.85

Table 3
Building 7 Indoor Air Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Indoor Air Screening Level (ug/m^3)	Sample ID/Sample Date								Sample ID/Sample Date							
		B7IA-1	B7IA-1D	B7IA-1	B7IA-1D	B7IA-2	B7IA-2	B7IA-3	B7IA-3	B7IA-4	B7IA-4	B7IA-5	B7IA-5	B7IA-6	B7IA-6	B7AA	B7AA
		5/14/2016	5/14/2016	6/11/2016	6/11/2016	5/14/2016	6/11/2016	5/14/2016	6/11/2016	5/14/2016	6/11/2016	5/14/2016	6/11/2016	5/14/2016	6/11/2016	5/17/2016	6/11/2016
		Indoor Air								Indoor Air						Ambient Air	
		Analytical Result (ug/m^3)								Analytical Result (ug/m^3)							
Cumene	1800	<0.81	<0.82	<0.79	<0.82	<1	<0.79	**0.092 J**	<0.92	<0.8	<0.78	<0.78	<0.83	<1.3	<0.75	<0.85	<0.92
Cyclohexane	26000	<0.56	<0.57	<0.55	**0.18 J**	<0.71	<0.55	**0.72**	**0.48 J**	<0.56	**0.13 J**	**1.1**	<0.58	<0.92	**0.43 J**	<0.6	<0.65
Dibromochloromethane	---	<1.4	<1.4	<1.4	<1.4	<1.8	<1.4	<1.5	<1.6	<1.4	<1.4	<1.3	<1.4	<2.3	<1.3	<1.5 J	<1.6
Ethanol	---	**25**	**22**	**15 J**	**11 J**	**47**	**24**	**100**	**48**	**12**	**5.8**	**83**	**9.5**	**420 E**	**32**	**3.8**	**1.8**
Ethylbenzene	4.9	<0.71	**0.21 J**	**0.22 J**	**0.23 J**	**0.27 J**	<0.69	**0.33 J**	**0.32 J**	**0.21 J**	<0.69	<0.69	<0.73	<1.2	**0.48 J**	<0.75	<0.82
Freon 11	---	**58**	**55**	**44**	**42**	**17**	**5.8**	**15**	**6.1**	**86**	**57**	**11**	**18**	**12**	**9.8**	**1.7**	**1.6**
Freon 113	130000	**0.6 J**	**0.39 J**	**0.49 J**	**0.55 J**	**0.48 J**	**0.57 J**	**0.49 J**	**0.59 J**	**0.48 J**	**0.77 J**	**0.46 J**	**1 J**	<2	**0.84 J**	**1.5**	**0.93 J**
Freon 114	---	<1.1	<1.2	<1.1	<1.2	<1.4	<1.1	<1.2	<1.3	<1.1	<1.1	<1.1	<1.2	<1.9	<1.1	<1.2	<1.3
Freon 12	440	**2**	**1.9**	**2.4**	**2.8**	**1.9**	**3**	**1.8**	**2.4**	**1.9**	**3**	**2**	**3**	**2.1**	**3**	**3**	**2.9**
Heptane	---	<0.67	<0.68	**0.7**	**0.41 J**	<0.85	<0.66	**1**	**0.76 J**	<0.66	**0.59 J**	<0.65	**0.45 J**	<1.1	**0.77**	<0.71	<0.77
Hexachlorobutadiene	0.56	<8.7	<8.8	<8.6	<8.9	<11	<8.5	<9.6	<10	<8.6	<8.5	<8.4	<9	<14	<8.2	<9.2	<10
Hexane	3100	<0.58	<0.58	**0.36 J**	**0.4 J**	<0.73	**0.28 J**	**0.59 J**	**0.46 J**	<0.57	**0.4 J**	<0.56	**0.28 J**	<0.94	**0.59**	**0.18 J**	**0.25 J**
Isopropyl Alcohol	880	**14**	**14**	**6.3**	**6.1**	**19**	**14**	**110**	**82**	**13**	**5.4**	**10**	**7.8**	**22**	**12**	**0.54 J**	**1.6 J**
Methanol	88000	<210	<220	<210	<220	<270	<210	<240	<240	<210	<210	<210	<220	<350	<200	<230	<250
Methyl Isobutyl Ketone	13000	**0.37 J**	<0.68	**0.5 J**	**0.16 J**	<0.85	**0.43 J**	**0.67 J**	**0.3 J**	<0.66	**0.29 J**	<0.65	**0.34 J**	<1.1	**0.31 J**	<0.71	**0.22 J**
Methyl tert-butyl ether	47	<0.59	<0.6	<0.58	<0.6	<0.75	<0.58	<0.65	<0.67	<0.58	<0.57	<0.57	<0.61	<0.97	<0.55	<0.62	<0.68
Methylene Chloride	1200	**0.31 J**	<1.2	**0.66 J**	**1.6**	**0.44 J**	**0.74 J**	**0.36 J**	**0.92 J**	**0.62 J**	**0.86 J**	**0.33 J**	**0.94 J**	<1.9	**1.9**	**1.4**	**0.83 J**
Naphthalene (TO-15)	0.36	<4.3	<4.4	**0.15 J**	**0.1 J**	**0.22 J**	**0.17 J**	**0.41 J**	**0.31 J**	<4.2	**0.12 J**	**0.47 J**	**0.45 J**	**0.48 J**	**0.83 J**	<4.5	**0.33 J**
Naphthalene (TO-17)	0.36	**0.1**	**0.14**	**0.12**	**0.12**	**0.37**	**0.14**	**0.27**	**0.24**	**0.1 J**	**0.09**	**0.31**	**0.31**	**0.3**	**0.23**	<0.26	**0.032 J**
Propylbenzene	4400	<0.81	<0.82	<0.79	<0.82	<1	<0.79	**0.18 J**	<0.92	<0.8	<0.78	<0.78	<0.83	<1.3	**0.14 J**	<0.85	<0.92
Styrene	4400	**0.28 J**	**0.3 J**	**0.14 J**	**0.28 J**	**0.94**	**0.19 J**	**0.52 J**	**0.46 J**	**0.23 J**	**0.18 J**	**0.48 J**	**0.15 J**	**1.2**	**0.78**	<0.74	<0.8
Tetrachloroethene	47	<1.1	<1.1	<1.1	<1.1	<1.4	<1.1	<1.2	<1.3	<1.1	<1.1	<1.1	<1.1	<1.8	<1	<1.2	<1.3
Tetrahydrofuran	8800	<2.4 UJJ	<2.4 UJJ	<2.4	<2.5	<3 UJJ	<2.4	<2.6 UJJ	<2.8	<2.4 UJJ	<2.3	<2.3 UJJ	<2.5	<4 UJJ	<2.2	<2.6	<2.8
Toluene	22000	**2.5**	**2.4**	**8.4**	**8.5**	**2.4**	**0.82**	**1.3**	**1.4**	**1.6**	**2.1**	**2.1**	**0.95**	**1.4**	**3.7**	**0.25 J**	**0.56 J**
trans-1,2-Dichloroethene	---	<0.65	<0.66	<0.64	<0.66	<0.82	<0.63	<0.71	<0.74	<0.64	<0.63	<0.63	<0.67	<1.1	<0.61	<0.68	<0.74
trans-1,3-Dichloropropene	---	<0.74	<0.75	<0.73	<0.76	<0.94	<0.73	<0.82	<0.85	<0.74	<0.72	<0.72	<0.77	<1.2	<0.69	<0.78	<0.85
Trichloroethene	3	<0.88	<0.89	<0.86	<0.9	<1.1	<0.86	<0.97	<1	<0.87	<0.85	<0.85	<0.91	<1.4	<0.82	<0.93	<1
Vinyl Chloride	2.8	<0.42	<0.42	<0.41	<0.43	<0.53	<0.41	<0.46	<0.48	<0.41	<0.41	<0.4	<0.43	<0.68	<0.39	<0.44	<0.48
Total Xylenes	440	**0.68 J**	**0.64 J**	**0.74 J**	**0.93 J**	**1.24 J**	**0.42 J**	**1.17 J**	**1.03 J**	**0.67 J**	**0.68 J**	**0.75 J**	**0.33 J**	**0.54 J**	**1.82 J**	<0.75	**0.28 J**
Methane (%)	0.5	**0.00018**	**0.00017**	**0.0002**	**0.00019**	**0.00021**	**0.00015 J**	**0.00016 J**	**0.00019**	**0.00017**	**0.0002**	**0.00019**	**0.00018**	**0.00027**	**0.00016**	**0.0003**	**0.00018 J**

Notes:

Detected results are shown in bold. Values which exceed the screening level are shown shaded.

---: The USEPA has not developed a vapor intrusion screening level for this parameter.

J: Indicates an estimated value

E: Indicates detected concentration exceeded the calibration range of the instrument

UJ: Indicates the analyte was not detected above the reporting limit, however, the reporting limit is approximate

Table 4
Building 8 Sub-Slab Soil Gas Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Sub-Slab Screening Level (ug/m^3)	Sample ID/Sample Date				
		B8SSV-1	B8SSV-1D	B8SSV-2	B8SSV-2	B8SSV-2D
		8/31/2015	8/31/2015	8/31/2015	10/10/2015	10/10/2015
		Analytical Results (ug/m^3)				
Former Tank Farm Area COCs						
Acetone	4500000	**252**	**210**	**217**	<380	<370
Chloromethane	13000	**1.4 J**	<3.3	<50	<330	<320
Methyl Isobutyl Ketone	440000	<3.3	<6.6	<98	<160	<160
Methylene chloride	41000	**2.8**	**5.6**	<83	**38 J**	**43 J**
Total Xylenes	15000	**11**	**24**	**132**	**1060 J**	**1010 J**
Methane (%)	0.5	**0.0120**	**0.0197**	**38.4 E**	**59**	**60**
Other TO-15 Compounds						
1,1,1-Trichloroethane	730000	<4.4	<8.7	<130	<220	<210
1,1,2,2-Tetrachloroethane	7	<5.5	<11	<160	<280	<270
1,1,2-Trichloroethane	26	<4.4	<8.7	<130	<220	<210
1,1-Dichloroethane	260	<3.2	<6.5	<97	<160	<160
1,1-Dichloroethene	29000	<3.2	<6.3	<95	<160	<160
1,2,4-Trichlorobenzene	290	<5.9	<12	<180	<1200	<1200
1,2,4-Trimethylbenzene	1000	**10**	**18**	<120	**87 J**	**91 J**
1,2-Dibromoethane	0.68	<6.1	<12	<180	<310	<300
1,2-Dichlorobenzene	29000	<4.8	<9.6	<140	<240	<240
1,2-Dichloroethane	16	<3.2	<6.5	<97	<160	<160
1,2-Dichloropropane	41	<3.7	<7.4	<110	<190	<180
1,3,5-Trimethylbenzene	---	**9.8**	**19**	<120	**120 J**	**100 J**
1,3-Butadiene	14	<1.8	<3.5	<53	<90	<87
1,3-Dichlorobenzene	---	<4.8	<9.6	<140	<240	<240
1,4-Dichlorobenzene	37	<4.8	<9.6	<140	<240	<240
1,4-Dioxane	82	<2.9	<5.8	<86	<580	<570
2,2,4-Trimethylpentane	---	<3.7	<7.5	<110	**960**	**970**
2-Butanone (Methyl Ethyl Ketone)	730000	**66.4**	**53.1**	<71	<480	<460
2-Chlorotoluene	---	<4.1	<8.3	<120	NS	NS
2-Hexanone	4400	<3.3	<6.5	<98	<660	<640
3-Chloropropene	68	<2.5	<5	<75	<510	<490
4-Ethyltoluene	---	**1.8 J**	**4.3 J**	<120	**160 J**	**150 J**
alpha-Chlorotoluene	8.3	<4.1	<8.2	<120	<210	<200
Benzene	52	**4.8**	**4.5 J**	<77	**64 J**	**62 J**
Bromodichloromethane	11	<5.4	<11	<160	<270	<260
Bromoethene	13	<3.5	<7	<100	NS	NS
Bromoform	370	<8.3	<17	<250	<420	<410
Bromomethane	730	<3.1	<6.2	<93	<160	<150
Carbon disulfide	100000	<2.5	<5	<75	<130	<120
Carbon tetrachloride	68	<5	<10	<150	<250	<250
Chlorobenzene	7300	<3.7	<7.4	<110	<190	<180
Chloroethane	1500000	<2.1	<4.2	<63	<430	<420
Chloroform	18	**3.4 J**	<7.8	<120	<200	<190
cis-1,2-Dichloroethene	---	<3.2	<6.3	<95	**58 J**	**55 J**
cis-1,3-Dichloropropene	---	<3.6	<7.3	<110	<180	<180
Cumene	58000	NS	NS	NS	**16000**	**16000**

Table 4
Building 8 Sub-Slab Soil Gas Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Sub-Slab Screening Level (ug/m^3)	Sample ID/Sample Date				
		B8SSV-1	B8SSV-1D	B8SSV-2	B8SSV-2	B8SSV-2D
		8/31/2015	8/31/2015	8/31/2015	10/10/2015	10/10/2015
		Analytical Results (ug/m^3)				
Cyclohexane	880000	**8.6**	**7.6**	**5270**	**6700**	**6800**
Dibromochloromethane	---	<6.8	<14	<200	<340	<340
Ethanol	---	**52**	**45.4**	<110	<300	<300
Ethyl Acetate	10000	**12**	**11**	<86	NS	NS
Ethylbenzene	160	**3.3 J**	**7.4**	<100	**220**	**230**
Freon 11	---	<4.5	<9	<130	<230	<220
Freon 113	4400000	<6.1	<12	<180	<310	<300
Freon 114	---	<5.6	<11	<170	<280	<280
Freon 12	15000	**2.4 J**	<7.9	<120	<200	<190
Heptane	---	<3.3	<6.6	**7870**	**9400**	**9600**
Hexachlorobutadiene	19	<8.5	<17	<260	<1700	<1700
Hexane	100000	**3**	<5.6	**2880**	**3000**	**3000**
Isopropyl Alcohol	29000	**32.7**	**31.2**	<59	<400	<390
Methyl tert-butyl ether	1600	<2.9	<5.8	**1910**	**850**	**850**
Methylmethacrylate	100000	<3.3	<6.6	<98	NS	NS
n-Butane	---	<1200	<1800	<3600	NS	NS
Naphthalene	12	NS	NS	NS	<850	<820
Propane	---	<900	<1400	<2700	NS	NS
Propylbenzene	150000	NS	NS	NS	**2100**	**2100**
Propylene	440000	**25.8**	**35.9**	**429**	NS	NS
Styrene	150000	<3.4	<6.8	<100	<170	<170
Tertiary Butyl Alcohol	---	**3.3**	**4.2 J**	**64 J**	NS	NS
Tetrachloroethene	1600	<1.1	<2.2	<32	<270	<270
Tetrahydrofuran	290000	<2.4	<4.7	<71	<120	<120
Toluene	730000	**5.3**	**8.3**	**46.4 J**	<150	<150
trans-1,2-Dichloroethene	---	<3.2	<6.3	<95	<160	<160
trans-1,3-Dichloropropene	---	<3.6	<7.3	<110	<180	<180
Trichloroethene	100	<0.86	<1.7	<25	<220	<210
Vinyl Acetate	29000	<2.8	<5.6	<84	NS	NS
Vinyl chloride	93	<2	<4.1	**108**	**89 J**	**98 J**

Notes:

Detected results are shown in bold. Values which exceed the screening level are shown shaded.

---: The USEPA has not developed a vapor intrusion screening level for this parameter.

NS: No Sample Results

J: Indicates an estimated value

E: Indicates detected concentration exceeded the calibration range of the instrument

Table 5
Building 8 Indoor Air Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Parameter	Industrial Indoor Air Screening Level (ug/m^3)	Sample ID/Sample Date		
		B8IA-2	**B8IA-2D**	**B8AA-1**
		10/18/2015	**10/18/2015**	**10/18/2015**
		Indoor Air		**Ambient Air**
		Analytical Result (ug/m^3)		
Former Tank Farm Area COCs				
Acetone	140000	**22 J**	**9 J**	**12**
Chloromethane	390	**2**	**1.9**	**2.1**
Methyl Isobutyl Ketone	13000	**0.39 J**	<0.72	<0.65
Methylene chloride	1200	**0.87 JJ**	**0.44 JJ**	**0.53 J**
Total Xylenes	440	**0.81 J**	**0.75 J**	**0.98 J**
Methane (%)	0.5	**0.00021**	**0.00022**	**0.0002**
Other TO-15 Compounds				
1,1,1-Trichloroethane	22000	<0.86	<0.96	<0.86
1,1,2,2-Tetrachloroethane	0.21	<1.1	<1.2	<1.1
1,1,2-Trichloroethane	0.77	<0.86	<0.96	<0.86
1,1-Dichloroethane	7.7	<0.64	<0.72	<0.64
1,1-Dichloroethene	880	<0.62	<0.7	<0.63
1,2,4-Trichlorobenzene	8.8	<5.8 J	<6.6 J	<5.9 J
1,2,4-Trimethylbenzene	31	**0.31 J**	<0.87	**0.27 J**
1,2-Dibromoethane (EDB)	0.02	<1.2	<1.4	<1.2
1,2-Dichlorobenzene	880	<0.94	<1.1	<0.95
1,2-Dichloroethane	0.47	<0.64	<0.72	<0.64
1,2-Dichloropropane	1.2	<0.72	<0.82	<0.73
1,3,5-Trimethylbenzene	---	<0.77	<0.87	<0.78
1,3-Butadiene	0.41	<0.35	<0.39	<0.35
1,3-Dichlorobenzene	---	<0.94	<1.1	<0.95
1,4-Dichlorobenzene	1.1	<0.94	<1.1	<0.95
1,4-Dioxane	2.5	<0.56	<0.64	<0.57
2,2,4-Trimethylpentane	---	**0.22 J**	**0.19 J**	**1 J**
2-Butanone (Methyl Ethyl Ketone)	22000	**5.8 J**	**1.9 JJ**	**1.7 J**
2-Hexanone	130	**0.99 J**	<3.6	<3.2
3-Chloropropene	2	<2.4	<2.8	<2.5
4-Ethyltoluene	---	**0.26 J**	**0.29 J**	<0.78
alpha-Chlorotoluene	0.25	<4.1	<4.6	<4.1
Benzene	1.6	**0.32 J**	<0.56	**0.44 J**
Bromodichloromethane	0.33	<1	<1.2	<1
Bromoform	11	<1.6	<1.8	<1.6
Bromomethane	22	<3	<3.4	<3.1
Carbon disulfide	3100	**0.48 JJ**	<2.8 J	<2.5
Carbon tetrachloride	2	**0.55 J**	**0.45 J**	**0.55 J**
Chlorobenzene	220	<0.72	<0.81	<0.73
Chloroethane	44000	<2.1	<2.3	<2.1
Chloroform	0.53	<0.77	<0.86	<0.77

Table 5
Building 8 Indoor Air Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Parameter	Industrial Indoor Air Screening Level (ug/m^3)	Sample ID/Sample Date		
		B8IA-2	**B8IA-2D**	**B8AA-1**
		10/18/2015	**10/18/2015**	**10/18/2015**
		Indoor Air		**Ambient Air**
		Analytical Result (ug/m^3)		
cis-1,2-Dichloroethene	---	<0.62	<0.7	<0.63
cis-1,3-Dichloropropene	---	<0.71	<0.8	<0.72
Cumene	1800	<0.77 J	**0.41 JJ**	<0.78
Cyclohexane	26000	**0.32 J**	<0.61	<0.54
Dibromochloromethane	---	<1.3	<1.5	<1.3
Ethanol	---	**2.9**	**2.9**	**3.1**
Ethylbenzene	4.9	<0.68	<0.77	**0.27 J**
Freon 11	---	**1.2**	**1.1**	**1.3**
Freon 113	130000	<1.2	<1.4	**0.6 J**
Freon 114	---	<1.1	<1.2	<1.1
Freon 12	440	**1.9 J**	**2.3 J**	**2.6 J**
Heptane	---	**0.62 JJ**	**0.31 JJ**	**1.6**
Hexachlorobutadiene	0.56	<8.4	<9.4	<8.4
Hexane	3100	**0.73**	**0.8**	**2.2**
Isopropyl Alcohol	880	**1.7 JJ**	**0.91 JJ**	**1.2 J**
Methanol	88000	<100	<120	<100
Methyl tert-butyl ether	47	<0.57	<0.64	<0.57
Naphthalene	0.36	<4.1	<4.6	<4.1
Propylbenzene	4400	<0.77	<0.87	<0.78
Styrene	4400	<0.67	<0.75	<0.67
Tetrachloroethene	47	<1.1	<1.2	<1.1
Tetrahydrofuran	8800	<2.3	<2.6	<2.3
Toluene	22000	**0.99**	**1**	**1.1**
trans-1,2-Dichloroethene	---	<0.62	<0.7	<0.63
trans-1,3-Dichloropropene	---	<0.71	<0.8	<0.72
Trichloroethene	3	<0.84	<0.95	<0.85
Vinyl chloride	2.8	<0.4	<0.45	<0.4

Notes:

Detected results are shown in bold. Values which exceed the screening level are shown shaded.

---: The USEPA has not developed a vapor intrusion screening level for this parameter.

J: Indicates an estimated value

JJ: Indicates field duplicate precision criteria was not met.

Table 6
Building 15 Sub-Slab Soil Gas Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Sub-Slab Screening Level (ug/m^3)	Sample ID/Sample Date B15SS-1 6/12/2016 Analytical Result (ug/m^3)
1,1,1-Trichloroethane	730000	<6.2
1,1,2,2-Tetrachloroethane	7	<7.8
1,1,2-Trichloroethane	26	<6.2
1,1-Dichloroethane	260	<4.6
1,1-Dichloroethene	29000	<4.5
1,2,4-Trichlorobenzene	290	<34
1,2,4-Trimethylbenzene	1000	<5.6
1,2-Dibromoethane (EDB)	0.68	<8.7
1,2-Dichlorobenzene	29000	<6.8
1,2-Dichloroethane	16	<4.6
1,2-Dichloropropane	41	<5.2
1,3,5-Trimethylbenzene	---	<5.6
1,3-Butadiene	14	<2.5
1,3-Dichlorobenzene	---	<6.8
1,4-Dichlorobenzene	37	<6.8
1,4-Dioxane	82	**1.7 J**
2,2,4-Trimethylpentane	---	<5.3
2-Butanone (Methyl Ethyl Ketone)	730000	**22**
2-Hexanone	4400	**2.2 J**
3-Chloropropene	68	<14
4-Ethyltoluene	---	<5.6
Acetone	4500000	**310**
alpha-Chlorotoluene	8.3	<5.9
Benzene	52	<3.6
Bromodichloromethane	11	<7.6
Bromoform	370	<12
Bromomethane	730	<44
Carbon Disulfide	100000	**15**
Carbon Tetrachloride	68	<7.1
Chlorobenzene	7300	<5.2
Chloroethane	1500000	<12
Chloroform	18	<5.5
Chloromethane	13000	<23 UJJ
cis-1,2-Dichloroethene	---	<4.5
cis-1,3-Dichloropropene	---	<5.2
Cumene	58000	<5.6

Table 6
Building 15 Sub-Slab Soil Gas Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Sub-Slab Screening Level (ug/m^3)	Sample ID/Sample Date B15SS-1 6/12/2016 Analytical Result (ug/m^3)
Cyclohexane	880000	<3.9
Dibromochloromethane	---	<9.7
Ethanol	---	**34 J0J**
Ethylbenzene	160	<4.9
Freon 11	---	<6.4
Freon 113	4400000	<8.7
Freon 114	---	<7.9
Freon 12	15000	<5.6
Heptane	---	**5.5**
Hexachlorobutadiene	19	<48
Hexane	100000	<4
Isopropyl Alcohol	29000	<11
Methanol	2900000	<300
Methyl Isobutyl Ketone	440000	**1.9 J**
Methyl tert-butyl ether	1600	<4.1
Methylene Chloride	41000	<39
Naphthalene (TO-15)	12	**1.7 J**
Naphthalene (TO-17)	12	<2.5
Propylbenzene	150000	<5.6
Styrene	150000	**1.1 J**
Tetrachloroethene	1600	<7.7
Tetrahydrofuran	290000	**1.9 J**
Toluene	730000	**7.3**
trans-1,2-Dichloroethene	---	<4.5
trans-1,3-Dichloropropene	---	<5.2
Trichloroethene	100	<6.1
Vinyl Chloride	93	<2.9
Total Xylenes	15000	**1.6 J**
Methane (%)	0.5	<0.00023

Notes:

Detected results are shown in bold. Values which exceed the screening level are shown s

---: The USEPA has not developed a vapor intrusion screening level for this parameter.

J: Indicates an estimated value

J0: Indicates an estimated value due to bias in the contimuing calibration verification.

UJ: Indicates the analyte was not detected above the reporting limit, however, the report

Table 7
Building 18 Sub-Slab Soil Gas Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Sub-Slab Screening Level (ug/m^3)	Sample ID/Sample Date					
		B18SS-1	B18SS-1D	B18SS-2	B18SS-3	B18SS-4	B18SS-5
		7/11/2016	7/11/2016	7/12/2016	7/11/2016	7/12/2016	7/12/2016
		Analytical Result (ug/m^3)					
1,1,1-Trichloroethane	730000	<6.5	<6.5	<6.5	<6.5	<6.7	<6.4
1,1,2,2-Tetrachloroethane	7	<8.2	<8.2	<8.2	<8.2	<8.5	<8
1,1,2-Trichloroethane	26	<6.5	<6.5	<6.5	<6.5	<6.7	<6.4
1,1-Dichloroethane	260	<4.8	<4.8	<4.8	<4.8	<5	<4.7
1,1-Dichloroethene	29000	<4.8	<4.7	<4.7	<4.8	<4.9	<4.6
1,2,4-Trichlorobenzene	290	<36	<35	<35	<36	<37	<35
1,2,4-Trimethylbenzene	1000	**2.2 J**	<5.8	<5.8	<5.9	<6.1	<5.8
1,2-Dibromoethane (EDB)	0.68	<9.2	<9.1	<9.1	<9.2	<9.5	<9
1,2-Dichlorobenzene	29000	<7.2	<7.2	<7.2	<7.2	<7.4	<7
1,2-Dichloroethane	16	<4.8	<4.8	**1 J**	<4.8	<5	<4.7
1,2-Dichloropropane	41	<5.5	<5.5	<5.5	<5.5	<5.7	<5.4
1,3,5-Trimethylbenzene	---	<5.9	<5.8	<5.8	<5.9	<6.1	<5.8
1,3-Butadiene	14	<2.6	<2.6	<2.6	<2.6	<2.7	<2.6
1,3-Dichlorobenzene	---	<7.2	<7.2	<7.2	<7.2	<7.4	<7
1,4-Dichlorobenzene	37	<7.2	<7.2	<7.2	<7.2	<7.4	<7
1,4-Dioxane	82	<17	<17	<17	<17	<18	<17
2,2,4-Trimethylpentane	---	**0.99 J**	**1.1 J**	**0.95 J**	**1.1 J**	**1 J**	**1 J**
2-Butanone (Methyl Ethyl Ketone)	730000	**15**	**12 J**	**6.2 J**	**21**	**11 J**	**9.6 J**
2-Hexanone	4400	<20	<19	<19	**3.4 J**	<20	<19
3-Chloropropene	68	<15	<15	<15	<15	<15	<15
4-Ethyltoluene	---	<5.9	<5.8	<5.8	<5.9	<6.1	<5.8
Acetone	4500000	**62**	**53**	**31**	**150**	**55**	**27 J**
alpha-Chlorotoluene	8.3	<6.2	<6.2	<6.2	<6.2	<6.4	<6
Benzene	52	**1.2 J**	**0.82 J**	**1 J**	**3.5 J**	**1.3 J**	<3.7
Bromodichloromethane	11	<8	<8	<8	<8	<8.3	<7.8
Bromoform	370	<12	<12	<12	<12	<13	<12
Bromomethane	730	<47	<46	<46	<47	<48	<45
Carbon Disulfide	100000	<15	<15	<15	<15	**7.5 J**	**4.8 J**
Carbon Tetrachloride	68	<7.6	<7.5	<7.5	<7.6	<7.8	<7.4
Chlorobenzene	7300	<5.5	<5.5	<5.5	<5.5	<5.7	<5.4
Chloroethane	1500000	<13	<12	<12	<13	<13	<12
Chloroform	18	<5.8	<5.8	<5.8	<5.8	<6	**3.9 J**
Chloromethane	13000	<25	<24	<24	<25	<26	<24
cis-1,2-Dichloroethene	---	<4.8	<4.7	<4.7	<4.8	<4.9	<4.6
cis-1,3-Dichloropropene	---	<5.4	<5.4	<5.4	<5.4	<5.6	<5.3
Cumene	58000	<5.9	<5.8	<5.8	<5.9	<6.1	<5.8

Table 7
Building 18 Sub-Slab Soil Gas Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Sub-Slab Screening Level (ug/m^3)	Sample ID/Sample Date					
		B18SS-1	B18SS-1D	B18SS-2	B18SS-3	B18SS-4	B18SS-5
		7/11/2016	7/11/2016	7/12/2016	7/11/2016	7/12/2016	7/12/2016
		Analytical Result (ug/m^3)					
Cyclohexane	880000	<4.1	**0.93 J**	<4.1	**0.64 J**	<4.2	<4
Dibromochloromethane	---	<10	<10	<10	<10	<10	<10
Ethanol	---	**30 J**	**36 J**	**33 J**	**45 J**	**62 J**	**20 J**
Ethylbenzene	160	<5.2	<5.2	<5.2	<5.2	<5.4	<5.1
Freon 11	---	**10**	**6.6 J**	**7.6**	**4.2 J**	**2.8 J**	**2.5 J**
Freon 113	4400000	<9.2	<9.1	<9.1	<9.2	<9.5	<9
Freon 114	---	<8.4	<8.3	<8.3	<8.4	<8.6	<8.2
Freon 12	15000	**2.4 J**	**5.1 J**	**2.5 J**	**2.5 J**	**2.6 J**	**2.5 J**
Heptane	---	<4.9	**3.4 J**	<4.9	**2.5 J**	**2.4 J**	<4.8
Hexachlorobutadiene	19	<51	<51	<51	<51	<53	<50
Hexane	100000	<4.2	<4.2	<4.2	<4.2	<4.4	<4.1
Isopropyl Alcohol	29000	**14**	**110**	**37**	**46**	**130**	**6.2 J**
Methanol	2900000	**320**	<310	<310	**400**	<320	<310
Methyl Isobutyl Ketone	440000	<4.9	<4.9	<4.9	**2.4 J**	**2.9 J**	<4.8
Methyl tert-butyl ether	1600	<17	<17	<17	<17	<18	<17
Methylene Chloride	41000	<42	**5.7 J**	<41	**4.6 J**	<43	<41
Naphthalene (TO-15)	12	**0.77 J**	**0.58 J**	<12	<12	**4 J**	**2.1 J**
Naphthalene (TO-17)	12	**1.8 J**	**1.4 J**	**1.7 J**	**12**	**3.8**	**2.6 J**
Propylbenzene	150000	<5.9	<5.8	<5.8	<5.9	<6.1	<5.8
Styrene	150000	<5.1	**1.1 J**	<5.1	<5.1	**1.2 J**	<5
Tetrachloroethene	1600	<8.1	<8.1	**2.6 J**	<8.1	<8.4	**7.6 J**
Tetrahydrofuran	290000	<3.5	<3.5	<3.5	<3.5	<3.6	<3.4
Toluene	730000	**2.4 J**	**24**	**7**	**13**	**27**	**2 J**
trans-1,2-Dichloroethene	---	<4.8	<4.7	<4.7	<4.8	<4.9	<4.6
trans-1,3-Dichloropropene	---	<5.4	<5.4	<5.4	<5.4	<5.6	<5.3
Trichloroethene	100	<6.4	<6.4	<6.4	<6.4	<6.6	<6.3
Vinyl Chloride	93	<3.1	<3	<3	<3.1	<3.2	<3
Total Xylenes	15000	**1.5 J**	**1.7 J**	<5.2	**3.5 J**	**1.7 J**	<5.1
Methane (%)	0.5	**0.000096 J**	**0.00016 J**	**0.0002 J**	**0.00016 J**	**0.00016 J**	**0.0001 J**

Notes:

Detected results are shown in bold. Values which exceed the screening level are shown shaded.

---: The USEPA has not developed a vapor intrusion screening level for this parameter.

J: Indicates an estimated value

Table 8
Building 18 Indoor Air Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Indoor Air Screening Level (ug/m^3)	Sample ID/Sample Date						
		B18IA-1	B18IA-1D	B18IA-2	B18IA-3	B18IA-4	B18IA-5	B18AA[1]
		7/9/2016	7/9/2016	7/9/2016	7/9/2016	7/9/2016	7/9/2016	7/12/2016
		Indoor Air						Ambient Air
		Analytical Result (ug/m^3)						
1,1,1-Trichloroethane	22000	<0.9	<0.9	<0.93	<0.88	<0.87	<0.91	<0.87
1,1,2,2-Tetrachloroethane	0.21	<1.1	<1.1	<1.2	<1.1	<1.1	<1.1	<1.1
1,1,2-Trichloroethane	0.77	<0.9	<0.9	<0.93	<0.88	<0.87	<0.91	<0.87
1,1-Dichloroethane	7.7	<0.67	<0.67	<0.69	<0.65	<0.65	<0.68	<0.64
1,1-Dichloroethene	880	<0.65	<0.66	<0.68	<0.64	<0.63	<0.66	<0.63
1,2,4-Trichlorobenzene	8.8	<6.1	<6.2	<6.3	<6	<5.9	<6.2	<5.9
1,2,4-Trimethylbenzene	31	**0.2 J**	<0.82	**0.82 J**	<0.79	**0.2 J**	**0.2 J**	<0.78
1,2-Dibromoethane (EDB)	0.02	<1.3	<1.3	<1.3	<1.2	<1.2	<1.3	<1.2
1,2-Dichlorobenzene	880	<0.99	<1	<1	<0.97	<0.96	<1	<0.96
1,2-Dichloroethane	0.47	**5**	**4.8**	**4.4**	**1.5**	**3.6**	**3.2**	<0.64
1,2-Dichloropropane	1.2	<0.76	<0.77	<0.79	<0.74	<0.74	<0.77	<0.73
1,3,5-Trimethylbenzene	---	<0.81	<0.82	**0.3 J**	<0.79	<0.79	<0.82	<0.78
1,3-Butadiene	0.41	<0.36	<0.37	<0.38	<0.36	<0.35	<0.37	<0.35
1,3-Dichlorobenzene	---	<0.99	<1	<1	<0.97	<0.96	<1	<0.96
1,4-Dichlorobenzene	1.1	<0.99	<1	<1	<0.97	<0.96	<1	<0.96
1,4-Dioxane	2.5	<0.59	<0.6	<0.62	<0.58	<0.58	<0.6	**3**
2,2,4-Trimethylpentane	---	<3.8	<3.9	<4	<3.8	<3.7	<3.9	<3.7
2-Butanone (Methyl Ethyl Ketone)	22000	**3.2 J**	**7.6 J**	**3.6 J**	**3.2 J**	**2.2 J J**	**1.9 J J**	**5.2 J**
2-Hexanone	130	**0.45 J**	**0.4 J**	**0.54 J**	**0.43 J**	<3.3	<3.4	<3.2
3-Chloropropene	2	<2.6	<2.6	<2.7	<2.5	<2.5	<2.6	<2.5
4-Ethyltoluene	---	<0.81	<0.82	**0.66 J**	<0.79	**0.2 J**	**0.19 J**	<0.78
Acetone	140000	**26**	**33**	**32**	**24**	**32**	**26**	**87**
alpha-Chlorotoluene	0.25	<0.85 UJ	<0.86 UJ	<0.88 UJ	<0.83 UJ	<0.83 UJ	<0.86 UJ	<0.82 UJ
Benzene	1.6	**0.22 J**	**0.29 J**	**0.56**	**0.17 J**	**0.17 J**	**0.25 J**	**0.32 J**
Bromodichloromethane	0.33	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Bromoform	11	<1.7	<1.7	<1.8	<1.7	<1.6	<1.7	<1.6
Bromomethane	22	<3.2	<3.2	<3.3	<3.1	<3.1	<3.2	<3.1
Carbon Disulfide	3100	<2.6	**0.27 J**	<2.7	**0.27 J**	<2.5	<2.6	<2.5
Carbon Tetrachloride	2	**0.41 J**	**0.39 J**	**0.38 J**	**0.46 J**	**0.69 J**	**0.39 J**	**0.44 J**
Chlorobenzene	220	<0.76	<0.76	<0.79	<0.74	<0.74	<0.77	<0.73
Chloroethane	44000	<2.2	<2.2	<2.2	<2.1	<2.1	<2.2	<2.1
Chloroform	0.53	**0.24 J**	**0.21 J**	**0.24 J**	<0.79	**0.16 J**	**0.21 J**	<0.78
Chloromethane	390	**1.9**	**2**	**1.8**	**1.8**	**2**	**2.1**	**2.2**
cis-1,2-Dichloroethene	---	<0.65	<0.66	<0.68	<0.64	<0.63	<0.66	<0.63
cis-1,3-Dichloropropene	---	<0.75	<0.75	<0.78	<0.73	<0.73	<0.76	<0.72
Cumene	1800	<0.81	<0.82	<0.84	<0.79	<0.79	<0.82	<0.78

Table 8
Building 18 Indoor Air Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Indoor Air Screening Level (ug/m^3)	Sample ID/Sample Date						
		B18IA-1	B18IA-1D	B18IA-2	B18IA-3	B18IA-4	B18IA-5	B18AA[1]
		7/9/2016	7/9/2016	7/9/2016	7/9/2016	7/9/2016	7/9/2016	7/12/2016
		Indoor Air						Ambient Air
		Analytical Result (ug/m^3)						
Cyclohexane	26000	**0.14 J**	**0.12 J**	**0.68**	<0.55	<0.55	**0.11 J**	<0.55
Dibromochloromethane	---	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Ethanol	---	**28**	**23**	**48**	**24**	**54**	**51**	**10**
Ethylbenzene	4.9	**0.34 J**	**0.25 J**	**0.46 J**	<0.7	**0.79**	**0.45 J**	<0.69
Freon 11	---	**33**	**27**	**44**	**14**	**18**	**16**	**2.1**
Freon 113	130000	**0.56 J**	**0.54 J**	**0.58 J**	**0.92 J**	**0.63 J**	**0.62 J**	**1 J**
Freon 114	---	<1.2	<1.2	<1.2	<1.1	<1.1	<1.2	<1.1
Freon 12	440	**3.1**	**2.9**	**3.1**	**3**	**3.2**	**3.3**	**3**
Heptane	---	<0.68	**1.1**	**1.4**	<0.66	<0.66	**0.36 J**	**0.31 J**
Hexachlorobutadiene	0.56	<8.8	<8.8	<9.1	<8.6	<8.5	<8.9	<8.5
Hexane	3100	**0.34 J**	**0.48 J**	**0.61**	**0.15 J**	**0.16 J**	**0.16 J**	**0.19 J**
Isopropyl Alcohol	880	**15**	**13**	**33**	**10**	**50**	**31**	**6.2**
Methanol	88000	<220	<220	<220	<210	<210	<220	<210
Methyl Isobutyl Ketone	13000	**0.32 J**	**0.36 J**	**0.75 J0**	<0.66	<0.66	<0.68	<0.65
Methyl tert-butyl ether	47	<0.59	<0.6	<0.62	<0.58	<0.58	<0.6	<0.57
Methylene Chloride	1200	**1.2**	**1.2**	**1.4**	**0.66 J**	**0.75 J**	**1 J**	**0.89 J**
Naphthalene (TO-15)	0.36	**0.19 J**	**0.18 J**	**0.16 J**	**0.12 J**	**0.24 J**	**0.16 J**	**0.12 J**
Naphthalene (TO-17)	0.36	**0.16**	<0.088	**0.046 J**	**0.11**	**0.15**	**0.39**	<0.06
Propylbenzene	4400	<0.81	<0.82	**0.21 J**	<0.79	<0.79	<0.82	<0.78
Styrene	4400	**0.15 J**	**0.18 J**	**0.29 J**	**0.12 J**	**0.22 J**	**0.26 J**	**0.07 J**
Tetrachloroethene	47	<1.1	<1.1	<1.2	<1.1	<1.1	<1.1	<1.1
Tetrahydrofuran	8800	**0.96 J**	<2.4	<2.5	<2.4	<2.4	<2.5	<2.3
Toluene	22000	**7.7**	**7.9**	**11**	**4.3**	**15**	**13**	**1.4**
trans-1,2-Dichloroethene	---	<0.65	<0.66	<0.68	<0.64	<0.63	<0.66	<0.63
trans-1,3-Dichloropropene	---	<0.75	<0.75	<0.78	<0.73	<0.73	<0.76	<0.72
Trichloroethene	3	**3.2**	**2.9**	**2.1**	**1.5**	**3.6**	**2.9**	<0.85
Vinyl Chloride	2.8	<0.42	<0.42	<0.44	<0.41	<0.41	<0.43	<0.41
Total Xylenes	440	**1.17 J**	**1.01 J**	**1.72 J**	**0.89 J**	**2.76**	**1.83 J**	**0.17 J**
Methane (%)	0.5	**0.00016**	**0.0002**	**0.00018**	**0.00018**	**0.0002**	**0.00019**	**0.00018**

Notes:

[1] Ambient air sample B18AA was also used as the ambient air sample for indoor air sample B30IA-1 collected in Building 30 on July 9, 2016.

Detected results are shown in bold. Values which exceed the screening level are shown shaded.

---: The USEPA has not developed a vapor intrusion screening level for this parameter.

J: Indicates an estimated value

UJ: Indicates the analyte was not detected above the reporting limit, however, the reporting limit is approximate

Naphthalene by TO-17 in B18AA collected on 7/8/2016

Table 9
Building 30 Sub-Slab Soil Gas Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Sub-Slab Screening Level (ug/m3)	Sample ID/Sample Date							Sample ID/Sample Date										
		B30SSV-1				B30SSV-2			B30SSV-3			B30SSV-4						B30SSV-5	
		TO-15			TO-17														
		10/10/2015	10/27/2015	1/31/2016	1/31/2016	10/9/2015	10/27/2015	1/31/2016	10/10/2015	10/28/2015	1/31/2016	10/9/2015	10/9/15 D	10/27/2015	10/27/2015 D	1/31/2016	1/31/2016 D	10/9/2015	1/31/2016
		Analytical Result (ug/m^3)																	
		Building 5 Area COCs																	
Benzene	52	NS	**1700 J**	<13000	**680**	NS	**190**	<3.7	NS	**4.3**	<4	NS	NS	**1.8 J**	<3	NS	<27	NS	<3.4
Ethylbenzene	160	NS	**280000**	**61000**	**6200 EJ**	NS	**14 J**	<5	NS	<5	<5.4	NS	NS	<4	<5	NS	**16 J**	NS	<4.7
Toluene	730000	NS	<4400	<15000	**44**	NS	**9.1 J**	**0.89 J**	NS	**3.6 J**	**0.91 J**	NS	NS	**2.1 JJ**	**1.6 JJ**	NS	**30 J**	NS	**3.4 J**
Total Xylenes	15000	NS	**3059000**	**1936000**	**97600 SJ**	NS	**50 J**	<5	NS	**5.0 J**	<5.4	NS	NS	**2.4 J**	<5	NS	**68 J**	NS	**1.4 J**
Acetone	4500000	NS	<11000	<38000	NS	NS	**46 J**	**20 J**	NS	**57**	**18 J**	NS	NS	**50 J**	**49 J**	NS	**110 J**	NS	**18 J**
Methyl Isobutyl Ketone	440000	NS	<4800	<16000	<20	NS	**6.7 J**	<4.8	NS	**4 J**	<5.1	NS	NS	**1.1 JJ**	**2.2 JJ**	NS	<35	NS	<4.4
Isopropyl Alcohol	29000	NS	<11000	<39000	NS	NS	**24 J**	**23**	NS	**24**	**24**	NS	NS	**52 J**	**300 J**	NS	**3600**	NS	**61**
Methanol	2900000	<150	NS	<16000	NS	<150	NS	<150	<150	NS	<160	<150	<150	NS	NS	NS	<170	<160	<140
Methane (%)	0.5	**9.3**	NS	**48**	NS	**0.25**	NS	**0.00029**	**0.14**	NS	**0.00066**	**0.00022 J**	**0.00021 J**	NS	NS	NS	**0.00018 J**	**0.0002 J**	**0.00022**
		Other TO-15 Compounds																	
1,1,1-Trichloroethane	730000	NS	<6400	<22000	<14	NS	<25	<6.3	NS	<6	<6.8	NS	NS	**1.7 J**	<6	NS	<46	NS	<5.9
1,1,2,2-Tetrachloroethane	7	NS	<8000	<27000	<17	NS	<31	<8	NS	**1.7 J**	<8.6	NS	NS	<7	<8	NS	<58	NS	<7.4
1,1,2-Trichloroethane	26	NS	<6400	<22000	<14	NS	<25	<6.3	NS	<6	<6.8	NS	NS	<6	<6	NS	<46	NS	<5.9
1,1-Dichloroethane	260	NS	<4700	<16000	**39**	NS	<18	<4.7	NS	<4	<5.1	NS	NS	<4	<4	NS	<34	NS	<4.4
1,1-Dichloroethene	29000	NS	<4600	<16000	**74**	NS	<18	<4.6	NS	<4	<5	NS	NS	<4	<4	NS	<34	NS	<4.3
1,2,4-Trichlorobenzene	290	NS	<34000	<120000 JJ	<38	NS	<140	<34	NS	<35	<37	NS	NS	<34	<36	NS	<250	NS	<32
1,2,4-Trimethylbenzene	1000	NS	<5700	<20000	**26 J**	NS	<22	<5.7	NS	**1.5 J**	<6.2	NS	NS	**1.6 JJ**	<5 J	NS	<42	NS	<5.3
1,2-Dibromoethane (EDB)	0.68	NS	<9000	<30000	NS	NS	<35	<8.9	NS	<9	<9.6	NS	NS	<8	<9	NS	<65	NS	<8.3
1,2-Dichlorobenzene	29000	NS	<7000	<24000	<15	NS	<28	<7	NS	<7	<7.5	NS	NS	<6	<7	NS	<51	NS	<6.5
1,2-Dichloroethane	16	NS	<4700	<16000	<10	NS	<18	<4.7	NS	<4	<5.1	NS	NS	<4	<4	NS	<34	NS	<4.4
1,2-Dichloropropane	41	NS	<5400	<18000	<12	NS	<21	<5.4	NS	<5	<5.8	NS	NS	<5	<5	NS	<39	NS	<5
1,3,5-Trimethylbenzene	---	NS	<5700	<20000	**7.5 J**	NS	<22	<5.7	NS	<5	<6.2	NS	NS	<5	<5	NS	<42	NS	<5.3
1,3-Butadiene	14	NS	<2600	<8800	<5.5	NS	<10	<2.6	NS	<2	<2.8	NS	NS	<2	<2	NS	<19	NS	<2.4
1,3-Dichlorobenzene	---	NS	<7000	<24000	**49**	NS	<28	<7	NS	<7	<7.5	NS	NS	<6	<7	NS	**48 J**	NS	<6.5
1,4-Dichlorobenzene	37	NS	<7000	<24000	<15	NS	<28	<7	NS	<7	<7.5	NS	NS	<6	<7	NS	<51	NS	<6.5
1,4-Dioxane	82	NS	<17000	<57000	<28	NS	<66	<17	NS	**3.4 J**	<18	NS	NS	<16	<17	NS	<120	NS	**3 J**
2,2,4-Trimethylpentane	---	NS	<5400	<18000	**56**	NS	**120**	**0.79 J**	NS	**3.2 J**	<5.9	NS	NS	<5	<5	NS	**8.9 J**	NS	**1 J**
2-Butanone (Methyl Ethyl Ketone)	730000	NS	<14000	<47000	NS	NS	**10 J**	**4.6 J**	NS	**18**	<15	NS	NS	**11 J**	**8.8 J**	NS	**51 J**	NS	**3.8 J**
2-Hexanone	4400	NS	<19000	<65000	<20	NS	<75	<19	NS	**11 J**	<20	NS	NS	**2.9 J**	**2 J**	NS	<140	NS	<18
3-Chloropropene	68	NS	<14000	<50000	NS	NS	<57	<14	NS	<15	<16	NS	NS	<14	<15	NS	<110	NS	<13
4-Ethyltoluene	---	NS	<5700	<20000	<24	NS	<22	<5.7	NS	<5	<6.2	NS	NS	<5	<5	NS	**10 J**	NS	<5.3
alpha-Chlorotoluene	8.3	NS	<6000	<21000	NS	NS	<24	<6	NS	<6	<6.5	NS	NS	<5	<6	NS	<44	NS	<5.6
Bromodichloromethane	11	NS	<7800	<27000	NS	NS	<31	<7.8	NS	<8	<8.4	NS	NS	<7	<8	NS	<57	NS	<7.2
Bromoform	370	NS	<12000	<41000	NS	NS	<47	<12	NS	<12	<13	NS	NS	<12	<12	NS	<88	NS	<11
Bromomethane	730	NS	<4500	<15000	NS	NS	<180	<45	NS	<46	<49	NS	NS	<44	<47	NS	<330	NS	<42
Carbon Disulfide	100000	NS	<3600	<12000	NS	NS	**8.6 J**	<14	NS	**2.2 J**	<16	NS	NS	**9.3 J**	**1.7 J**	NS	<100	NS	**2.7 J**
Carbon Tetrachloride	68	NS	<7300	<25000	<16	NS	<29	<7.3	NS	<7	<7.9	NS	NS	<7	<7	NS	<53	NS	<6.8
Chlorobenzene	7300	NS	<5400	<18000	<12	NS	**13 J**	<5.3	NS	<5	<5.8	NS	NS	<5	<5	NS	<39	NS	<4.9
Chloroethane	1500000	NS	<12000	<42000	NS	NS	<48	<12	NS	<12	<13	NS	NS	<12	<13	NS	<90	NS	<11
Chloroform	18	NS	<5700	<19000	<12	NS	<22	<5.7	NS	<5	<6.1	NS	NS	<5	<5	NS	<42	NS	<5.2

Table 9
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	Industrial Sub-Slab Screening Level	Sample ID/Sample Date							Sample ID/Sample Date										
		B30SSV-1				B30SSV-2			B30SSV-3			B30SSV-4						B30SSV-5	
		TO-15			TO-17														
		10/10/2015	10/27/2015	1/31/2016	1/31/2016	10/9/2015	10/27/2015	1/31/2016	10/10/2015	10/28/2015	1/31/2016	10/9/2015	10/9/15 D	10/27/2015	10/27/2015 D	1/31/2016	1/31/2016 D	10/9/2015	1/31/2016
Compound	**(ug/m3)**	**Analytical Result (ug/m^3)**																	
Chloromethane	13000	NS	<9600	<33000	NS	NS	<94	<24	NS	<24	<26	NS	NS	<24	**2.6 J**	NS	<180	NS	<22
cis-1,2-Dichloroethene	---	NS	<4600	<16000	**55**	NS	**8.8 J**	<4.6	NS	<4	<5	NS	NS	<4	<4	NS	<34	NS	<4.3
cis-1,3-Dichloropropene	---	NS	<5300	<18000	NS	NS	<21	<5.3	NS	<5	<5.7	NS	NS	<5	<5	NS	<38	NS	<4.9
Cumene	58000	NS	**1300 J**	<20000	**13 J**	NS	**7.1 J**	<5.7	NS	<5	<6.2	NS	NS	<5	<5	NS	<42	NS	<5.3
Cyclohexane	880000	NS	**2200 J**	**2800 J**	**2600 EJ**	NS	<16	<4	NS	**21**	<4.3	NS	NS	<3	<4	NS	<29	NS	**1.7 J**
Dibromochloromethane	---	NS	<9900	<34000	NS	NS	<39	<9.9	NS	<10	<11	NS	NS	<9	<10	NS	<72	NS	<9.2
Ethanol	---	NS	<8800	<30000	NS	NS	**75**	**14**	NS	**43**	**16**	NS	NS	**190 J**	**65 J**	NS	**3000**	NS	**48**
Freon 11	---	NS	<6500	<22000	<28	NS	<26	**1.4 J**	NS	<6	**1.6 J**	NS	NS	**3.9 J**	**2.8 J**	NS	<48	NS	**1.4 J**
Freon 113	4400000	NS	<8900	<30000	<19	NS	<35	<8.9	NS	**1.6 J**	<9.6	NS	NS	**1.8 J**	<9	NS	<65	NS	<8.2
Freon 114	---	NS	<8100	<28000	<35	NS	<32	<8.1	NS	<8	<8.8	NS	NS	<8	<8	NS	<59	NS	<7.5
Freon 12	15000	NS	<5800	<20000	NS	NS	<23	**2.4 J**	NS	**1.8 J**	**3.1 J**	NS	NS	**3.6 J**	**4.4 J**	NS	<42	NS	**2.8 J**
Heptane	---	NS	<4800	<16000	**560**	NS	**17 J**	**2.8 J**	NS	**3.9 J**	**3 J**	NS	NS	**2 J**	<5	NS	<35	NS	**2.8 J**
Hexachlorobutadiene	19	NS	<50000	<170000	<52	NS	<200	<49	NS	<51	<54	NS	NS	<49	<52	NS	<360	NS	<46
Hexane	100000	NS	**2100 J**	<14000	**3200 EJ**	NS	**64**	<4.1	NS	**3.4 J**	<4.4	NS	NS	**2 JJ**	<4 J	NS	<30	NS	<3.8
Isopentane (TO-17)	---	NS	NS	NS	**920**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl tert-butyl ether	1600	NS	<4200	<14000	NS	NS	**4.4 J**	<4.2	NS	**0.8 J**	<4.5	NS	NS	<4	<4	NS	<31	NS	<3.9
Methylcyclohexane (TO-17)	---	NS	NS	NS	**370**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	41000	NS	<4000	<14000	**38 J**	NS	<160	<40	NS	**4.5 J**	<44	NS	NS	**2.8 J**	**4.5 J**	NS	<300	NS	<37
Naphthalene (TO-15)	12	NS	<24000	<83000	NS	NS	<48	<12	NS	**0.62 J**	<13	NS	NS	**0.36 JJ**	**0.3 JJ**	NS	<89	NS	<11
Naphthalene (TO-17)	12	NS	NS	NS	**1.5 J**	NS	NS	<2.5	NS	NS	<2.5	NS	NS	NS	NS	<2.5	<2.5	NS	<2.5
Propylbenzene	150000	NS	<5700	<20000	**5.6 J**	NS	<22	<5.7	NS	<5	<6.2	NS	NS	<5	<5	NS	<42	NS	<5.3
Styrene	150000	NS	<5000	<17000	<21	NS	<20	<4.9	NS	<5	<5.3	NS	NS	<4 J	<5 J	NS	**6.2 J**	NS	<4.6
Tetrachloroethene	1600	NS	<7900	<27000	**5.3 J**	NS	<31	<7.9	NS	**3.2 J**	<8.5	NS	NS	**5.3 J**	**3.1 J**	NS	<58	NS	<7.3
Tetrahydrofuran	290000	NS	<3400	<12000	NS	NS	<14	<3.4	NS	**2.9 J**	<3.7	NS	NS	**1.1 J**	**0.83 J**	NS	<25	NS	<3.2
trans-1,2-Dichloroethene	---	NS	<4600	<16000	**11 J**	NS	<18	<4.6	NS	<4	<5	NS	NS	<4	<4	NS	<34	NS	<4.3
trans-1,3-Dichloropropene	---	NS	<5300	<18000	NS	NS	<21	<5.3	NS	<5	<5.7	NS	NS	<5	<5	NS	<38	NS	<4.9
Trichloroethene	100	NS	<6300	<21000	**7.8 J**	NS	**7.7 J**	<6.2	NS	**2.3 J**	<6.7	NS	NS	<6	<6	NS	<46	NS	<5.8
Vinyl Chloride	93	NS	<3000	<10000	**170**	NS	<12	<3	NS	<3	<3.2	NS	NS	<2	<3	NS	<22	NS	<2.7

Notes:
Detected results are shown in bold. Values which exceed the screening level are shown shaded.
---: The USEPA has not developed a vapor intrusion screening level for this parameter.
NS: No Sample Results
J: Indicates an estimated value
JJ: Indicates field duplicate precision criteria was not met.
E: Indicates detected concentration exceeded the calibration range of the instrument
EJ: Indicates detected concentration exceeded the calibration range of the instrument. Value is estimated.
S: Indicates a saturated peak
SJ: Indicates a saturated peak. Value is estimated.
Methanol and methane results from the October 2015 sampling were reported from samples collected on October 9th and 10th.

Table 10
Building 30 Indoor Air Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Indoor Air Screening Level (ug/m^3)	Sample ID/Sample Date																					
		B30IA-1					B30IA-2			B30IA-3			B30IA-4					B30IA-5			B3042AA[2]	B30AA	B3042AA[2]
		10/18/2015	1/31/2016	5/29/2016	5/29/2016 D	7/9/2016[1]	10/18/2015	1/31/2016	5/29/2016	10/18/2015	1/31/2016	5/29/2016	10/18/2015	10/18/2015 D	1/31/2016	1/31/2016 D	5/29/2016	10/18/2015	1/31/2016	5/29/2016	10/18/2015	1/31/2016	5/29/2016
		Indoor Air																			Ambient Air		
		Analytical Result (ug/m^3)																					
		Building 5 Area COCs																					
Benzene	1.6	**1.5**	**0.7**	**0.23 J**	**0.43 J**	**0.23 J**	**0.29 J**	**0.33 J**	**0.36 J**	**0.3 J**	**0.28 J**	**0.37 J**	**0.32 J**	**0.35 J**	**0.29 J**	**0.34 J**	**0.27 J**	**0.41 J**	**0.3 J**	**0.41 J**	<0.6	**0.24 J**	**0.26 J**
Ethylbenzene	4.9	**4.9**	<0.79	**0.19 J**	**0.35 J**	<0.71	<0.72	<0.74	**0.17 J**	<0.75	<0.78	**0.22 J**	**0.71**	**0.47 J**	<0.63	<0.87	<0.76	**0.52 J**	<0.81	**0.38 J**	**0.36 J**	<0.83	<0.75
Toluene	22000	**35**	**1.1**	**0.93**	**0.96**	**0.7**	**1.8**	**1.1**	**1.5**	**1.2**	**0.86**	**5.9**	**4 J**	**1.7 J**	**0.79**	**0.91**	**0.94**	**3.7**	**1.1**	**7.8**	**2.2**	**0.29 J**	**0.4 J**
Total Xylenes	440	**19.8**	**0.37 J**	**0.72 J**	**1.22 J**	**0.54 J**	**0.96 J**	**0.38 J**	**0.55 J**	**0.70 J**	**0.33 J**	**0.85 J**	**2.26**	**1.54 J**	**0.52 J**	**0.41 J**	**0.77 J**	**2.25 J**	**0.36 J**	**1.32 J**	**1.4 J**	<0.83	**0.18 J**
Acetone	140000	**130**	**12**	**14 J**	**24 J**	**16**	**42**	**8.5**	**14**	**13**	**13**	**18**	**30 J**	**20 J**	**11**	**18 J**	**19**	**23**	**10**	**19**	**19**	**8.1**	**10**
Methyl Isobutyl Ketone	13000	**1.4**	<0.75	**0.28 J**	**0.54 J**	**0.49 J**	**0.73**	<0.7	**0.28 J**	**0.22 J**	**0.23 J**	**0.36 J**	**0.4 JJ**	**2.9 J**	<0.6	**0.43 J**	**0.38 J**	**0.42 J**	<0.77	**0.43 J**	**0.28 J**	<0.78	<0.71
Isopropyl Alcohol	880	**61**	**26**	**8.5**	**10**	**7.3**	**39**	**25**	**8.4**	**32**	**19**	**17**	**32**	**29**	**21**	**22**	**15**	**22**	**14**	**12**	**3.3**	**0.51 J**	**1.8 J**
Methanol	88000	<110	<120	<100	<100	<210	<110	<110	<86	<110	<120	<100	<100	<99	<96	<130	<120	<110	<120	<100	<120	<120	<150
Methane (%)	0.5	**0.00023**	**0.00027**	**0.00035**	**0.0003**	**0.00037**	**0.00032**	**0.00027**	**0.00021**	**0.00029**	**0.00024**	**0.00034**	**0.00028**	**0.00028**	**0.00023**	**0.00023**	**0.0003**	**0.00027**	**0.00021**	**0.00025**	**0.0002**	**0.0002**	**0.00024**
		Other TO-15 Compounds																					
1,1,1-Trichloroethane	22000	<0.9	<1	<0.85	<0.85	<0.89	<0.91	<0.93	<0.72	<0.94	<0.98	<0.83	<0.87	<0.82	<0.8	<1.1	<0.96	<0.92	<1	<0.83	<1	<1	<0.94
1,1,2,2-Tetrachloroethane	0.21	<1.1	<1.2	<1.1	<1.1	<1.1	<1.1	<1.2	<0.91	<1.2	<1.2	<1	<1.1	<1	<1	<1.4	<1.2	<1.2	<1.3	<1	<1.3	<1.3	<1.2
1,1,2-Trichloroethane	0.77	<0.9	<1	<0.85	<0.85	<0.89	<0.91	<0.93	<0.72	<0.94	<0.98	<0.83	<0.87	<0.82	<0.8	<1.1	<0.96	<0.92	<1	<0.83	<1	<1	<0.94
1,1-Dichloroethane	7.7	<0.67	<0.74	<0.63	<0.63	<0.66	<0.68	<0.69	<0.53	<0.7	<0.72	<0.62	<0.65	<0.61	<0.59	<0.81	<0.71	<0.68	<0.76	<0.62	<0.76	<0.77	<0.7
1,1-Dichloroethene	880	<0.66	<0.72	<0.62	<0.62	<0.65	<0.66	<0.68	<0.52	<0.68	<0.71	<0.6	<0.63	<0.6	<0.58	<0.8	<0.7	<0.67	<0.74	<0.61	<0.74	<0.76	<0.68
1,2,4-Trichlorobenzene	8.8	<6.2 J	<6.8	<5.8	<5.8	<6.1	<6.2 J	<6.3	<4.9	<6.4 J	<6.6	<5.6	<5.9 J	<5.6 J	**1.3 J**	<7.4	<6.5	<6.3 J	<6.9	<5.7	<7 J	<7.1	<6.4
1,2,4-Trimethylbenzene	31	**0.87**	<0.9	**0.18 J**	**0.51 J**	<0.81	**0.34 J**	**0.22 J**	<0.65	**0.23 J**	<0.88	**0.19 J**	**0.3 JJ**	**0.62 JJ**	**0.19 J**	**0.34 J**	**0.2 J**	**0.44 J**	<0.92	**0.36 J**	<0.92	<0.94	<0.85
1,2-Dibromoethane (EDB)	0.02	<1.3	<1.4	<1.2	<1.2	<1.3	<1.3	<1.3	<1	<1.3	<1.4	<1.2	<1.2	<1.2	<1.1	<1.5	<1.4	<1.3	<1.4	<1.2	<1.4	<1.5	<1.3
1,2-Dichlorobenzene	880	<1	<1.1	<0.94	<0.94	<0.99	<1	<1	<0.79	<1	<1.1	<0.91	<0.96	<0.91	**0.19 J**	<1.2	<1	<1	<1.1	<0.92	<1.1	<1.1	<1
1,2-Dichloroethane	0.47	**0.31 J**	<0.74	<0.63	<0.63	<0.66	**0.28 J**	<0.69	**0.52 J**	<0.7	<0.72	<0.62	<0.65	**0.21 J**	**0.15 J**	<0.81	**0.31 J**	**0.12 J**	<0.76	<0.62	<0.76	<0.77	<0.7
1,2-Dichloropropane	1.2	**3.3**	<0.84	<0.72	<0.72	<0.76	<0.77	<0.79	<0.61	<0.79	<0.83	<0.7	**0.31 J**	<0.7	<0.67	<0.93	<0.81	<0.78	<0.86	<0.71	<0.87	<0.88	<0.8
1,3,5-Trimethylbenzene	---	**0.26 J**	<0.9	<0.77	**0.16 J**	<0.81	**0.17 J**	<0.84	<0.65	<0.84	<0.88	<0.75	<0.79	**0.23 J**	<0.72	<0.99	<0.86	**0.19 J**	<0.92	<0.75	<0.92	<0.94	<0.85
1,3-Butadiene	0.41	**0.18 J**	**0.16 J**	<0.34	<0.34	<0.36	<0.37	<0.38	<0.29	<0.38	<0.4	<0.34	<0.35	<0.33	<0.32	<0.44	<0.39	<0.37	<0.41	<0.34	<0.42	<0.42	<0.38
1,3-Dichlorobenzene	---	<1	<1.1	<0.94	<0.94	<0.99	<1	<1	<0.79	<1	<1.1	<0.91	<0.96	<0.91	**0.14 J**	<1.2	<1	<1	<1.1	<0.92	<1.1	<1.1	<1
1,4-Dichlorobenzene	1.1	<1	<1.1	<0.94	<0.94	<0.99	<1	**0.21 J**	<0.79	<1	<1.1	<0.91	<0.96	**0.51 J**	**0.25 J**	**0.25 J**	<1	<1	<1.1	<0.92	<1.1	**0.22 J**	<1
1,4-Dioxane	2.5	<0.6	<0.66	<0.56	<0.56	<0.59	<0.6	<0.62	<0.48	<0.62	<0.64	<0.55	<0.58	<0.54	<0.53	<0.72	<0.63	<0.61	<0.67	<0.55	<0.68	<0.69	<0.62
2,2,4-Trimethylpentane	---	**3.8 J**	<4.3	<3.6	<3.6	<3.8	**0.3 J**	<4	<3.1	<4	<4.2	<3.6	**0.2 J**	**0.26 J**	<3.4	<4.7	<4.1	**0.2 J**	<4.4	<3.6	**0.54 J**	<4.5	<4
2-Butanone (Methyl Ethyl Ketone)	22000	**19**	**2.3 J**	**1.6 J**	**3.3**	**3.6**	**9.5**	**1.2 J**	**2.7**	**2 J**	**1.5 J**	**3.1**	**3.4**	**3.6**	**1.2 J**	**4 J**	**3**	**2.7**	**1.6 J**	**4.1**	**4.8**	**1.1 J**	**1.9 J**
2-Hexanone	130	**1.3 J**	<3.7	<3.2	**0.61 J**	**0.7 J**	**1.6 J**	<3.5	<2.7	<3.5	<3.7	<3.1	<3.3	**0.69 J**	<3	**1.1 J**	**0.66 J**	<3.5	<3.8	**0.57 J**	<3.8	<3.9	<3.5
3-Chloropropene	2	<2.6	<2.9	<2.4 J	<2.4 J	<2.6	<2.6	<2.7	<2.1 J	<2.7	<2.8	<2.4 J	<2.5	<2.4	<2.3	<3.1	<2.8 J	<2.6	<2.9	<2.4 J	<2.9	<3	<2.7 J
4-Ethyltoluene	---	**1.1**	**0.11 J**	**0.15 J**	**0.37 J**	<0.81	**0.22 J**	**0.15 J**	**0.12 J**	**0.26 J**	**0.12 J**	**0.17 J**	**0.27 J**	**0.54 J**	**0.15 J**	**0.2 J**	<0.86	**0.3 J**	**0.14 J**	**0.3 J**	<0.92	<0.94	<0.85
alpha-Chlorotoluene	0.25	<4.3	**0.11 J**	<0.81	<0.81	<0.85	<4.3	<0.88	<0.68	<4.4	<0.93	<0.79	<4.1	<3.9	**0.18 J**	<1	<0.91	<4.4	<0.97	<0.79	<4.9	<0.99	<0.9
Bromodichloromethane	0.33	<1.1	<1.2	<1	<1	<1.1	<1.1	<1.1	<0.88	<1.2	<1.2	<1	<1.1	<1	<0.98	<1.3	<1.2	<1.1	<1.2	<1	<1.2	<1.3	<1.2
Bromoform	11	<1.7	<1.9	<1.6	<1.6	<1.7	<1.7	<1.8	<1.4	<1.8	<1.8	<1.6	<1.6	<1.6	<1.5	<2.1	<1.8	<1.7	<1.9	<1.6	<1.9	<2	<1.8
Bromomethane	22	<3.2	<3.6	<3	<3	<3.2	<3.2	<3.3	<2.6	<3.3	<3.5	<3	<3.1	<2.9	<2.8	<3.9	<3.4	<3.3	<3.6	<3	<3.6	<3.7	<3.4
Carbon Disulfide	3100	**2.9**	**1.3 J**	**1.3 J**	**1.5 J**	**2 J**	**0.36 J**	**4.4**	**0.93 JJ**	<2.7	**1.5 J**	**1.5 J**	**0.49 J**	**0.59 J**	**1.9 J**	**1.5 J**	**1.7 J**	<2.6	**1.8 J**	**1.5 J**	<2.9	**0.99 J**	**1.4 J**
Carbon Tetrachloride	2	**0.39 J**	**0.46 J**	<0.98	**0.46 J**	**0.42 J**	**0.37 J**	**0.41 J**	**0.38 J**	**0.53 J**	**0.42 J**	**0.36 J**	**0.42 J**	**0.33 J**	**0.41 J**	**0.47 J**	<1.1	**0.31 J**	**0.43 J**	**0.36 J**	**0.69 J**	**0.48 J**	**0.42 J**
Chlorobenzene	220	**0.15 J**	<0.84	<0.72	<0.72	<0.76	<0.77	<0.79	<0.61	<0.79	<0.82	<0.7	<0.74	<0.7	<0.67	<0.92	<0.81	<0.78	<0.86	<0.7	<0.86	<0.88	<0.8
Chloroethane	44000	<2.2	<2.4	<2	<2	<2.2	<2.2	<2.2	<1.7	<2.3	<2.4	<2	<2.1	<2	<1.9	<2.6	<2.3	<2.2	<2.5	<2	<2.5	<2.5	<2.3
Chloroform	0.53	**0.31 J**	<0.89	<0.76	<0.76	<0.8	<0.82	<0.83	<0.64	<0.84	<0.87	<0.74	<0.78	<0.74	<0.71	<0.98	<0.86	<0.82	<0.91	<0.75	<0.92	<0.93	<0.84

Table 10
Building 30 Indoor Air Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

		Sample ID/Sample Date																					
	Industrial Indoor Air Screening Level	B30IA-1					B30IA-2			B30IA-3			B30IA-4					B30IA-5			B3042AA[2]	B30AA	B3042AA[2]
		10/18/2015	1/31/2016	5/29/2016	5/29/2016 D	7/9/2016[1]	10/18/2015	1/31/2016	5/29/2016	10/18/2015	1/31/2016	5/29/2016	10/18/2015	10/18/2015 D	1/31/2016	1/31/2016 D	5/29/2016	10/18/2015	1/31/2016	5/29/2016	10/18/2015	1/31/2016	5/29/2016
		Indoor Air																			Ambient Air		
Compound	(ug/m^3)	Analytical Result (ug/m^3)																					
Chloromethane	390	**1.9**	**1.3 J**	**1.4 J**	**1.8**	**1.2 J**	**1.6 J**	**1.2 J**	**1.3 J**	**1.5 J**	**1.4 J**	**1.4 J**	**1.9**	**1.9**	**1.4 J**	**1.4 J**	**1.4 J**	**1.6 J**	**1.3 J**	**1.8**	**2.1**	**1.4 J**	**1.6 J**
cis-1,2-Dichloroethene	---	<0.66	<0.72	<0.62	<0.62	<0.65	<0.66	<0.68	<0.52	<0.68	<0.71	<0.6	<0.63	<0.6	<0.58	<0.8	<0.7	<0.67	<0.74	<0.61	<0.74	<0.76	<0.68
cis-1,3-Dichloropropene	---	<0.75	<0.83	<0.71	<0.71	<0.74	<0.76	<0.78	<0.6	<0.78	<0.81	<0.69	<0.73	<0.68	<0.66	<0.91	<0.8	<0.77	<0.85	<0.69	<0.85	<0.87	<0.78
Cumene	1800	**0.56 J**	<0.9	<0.77	**0.11 J**	<0.81	<0.82	<0.84	<0.65	<0.84	<0.88	<0.75	<0.79	<0.74	<0.72	<0.99	<0.86	<0.83	<0.92	<0.75	<0.92	<0.94	<0.85
Cyclohexane	26000	**2.2**	<0.63	<0.54	<0.54	<0.56	**0.23 J**	<0.59	<0.45	<0.59	<0.62	<0.52	**0.44 J**	<0.52	<0.5	<0.69	<0.6	<0.58	<0.64	<0.53	<0.65	<0.66	<0.6
Dibromochloromethane	---	<1.4	<1.6	<1.3	<1.3	<1.4	<1.4	<1.4	<1.1	<1.5	<1.5	<1.3	<1.4	<1.3	<1.2	<1.7	<1.5	<1.4	<1.6	<1.3	<1.6	<1.6	<1.5
Ethanol	---	**48**	**24**	**17**	**18**	**11**	**15**	**21**	**7.1**	**9.2**	**28**	**24**	**11**	**10**	**41 J0 J**	**46 J0 J**	**48**	**9.7**	**31**	**48**	**4.9**	**4 J0J**	**3.5**
Freon 11	---	**1.5**	**1.3**	**1.6**	**1.7**	**1.4**	**1.2**	**1.3**	**1.3**	**1.4**	**1.3**	**1.4**	**1.4**	**1.4**	**1.3**	**1.4**	**1.5**	**1.3**	**1.3**	**1.4**	**1.3**	**1.1**	**1.3**
Freon 113	130000	<1.3	**0.46 JJ**	**0.44 J**	**0.45 J**	**0.54 J**	<1.3	**0.37 JJ**	**0.42 J**	<1.3	**0.42 JJ**	**0.44 J**	<1.2	**0.49 J**	**0.45 J**	**0.37 J**	**0.42 J**	**0.57 J**	**0.38 JJ**	**0.39 J**	**0.72 J**	**0.43 J**	**0.51 J**
Freon 114	---	<1.2	<1.3	<1.1	<1.1	<1.1	<1.2	<1.2	<0.92	<1.2	<1.2	<1.1	<1.1	<1	<1	<1.4	<1.2	<1.2	<1.3	<1.1	<1.3	<1.3	<1.2
Freon 12	440	**2.3 J**	**2.1**	**2**	**2.2**	**1.9**	**1.8 J**	**1.9**	**2.1**	**2 J**	**2**	**2.2**	**2.2 J**	**2.2 J**	**2.1**	**2**	**1.9**	**1.2 J**	**2**	**2.2**	**1.8 J**	**2**	**2**
Heptane	---	**11**	**0.47 J**	<0.64	**1.1**	<0.67	**0.94**	<0.7	**2.1**	**0.29 J**	<0.73	**1**	**0.84**	**0.65**	<0.6	**0.44 J**	<0.72	**0.77**	<0.77	<0.63	**0.88**	<0.78	<0.71
Hexachlorobutadiene	0.56	<8.8	<9.8 J	<8.3 J	<8.3 J	<8.7	<8.9	<9.1 J	<7	<9.2	<9.5 J	<8.1 J	<8.5	<8	<7.8	<11	<9.4 J	<9	<10 J	<8.2 J	<10	<10	<9.2 J
Hexane	3100	**12**	**0.43 J**	<0.55	**0.99**	<0.58	**0.97**	<0.6	**2.4**	**0.62**	<0.63	**0.72**	**1.3 J**	**0.83 J**	<0.51	**0.48 J**	<0.62	**0.99**	<0.66	**0.38 J**	**1.6**	<0.67	**0.39 J**
Methyl tert-butyl ether	47	**0.23 J**	<0.66	<0.56	<0.56	<0.59	<0.6	<0.62	<0.48	<0.62	<0.64	<0.55	<0.58	<0.54	<0.53	<0.72	<0.63	<0.61	<0.67	<0.55	<0.68	<0.69	<0.62
Methylene Chloride	1200	**9.7**	**0.29 J**	**0.22 J**	**0.34 J**	**0.26 J**	**0.57 J**	**0.42 J**	**0.44 J**	**1.2**	**0.24 J**	**1.4**	**2.3**	**2.3**	**0.24 J**	<1.4	**0.42 J**	**1.1 J**	**0.26 J**	**1.1**	**0.92 J**	<1.3	**0.54 J**
Naphthalene (TO-15)	0.36	<4.4	<4.8	**0.23 J**	**0.64 J**	<4.3	<4.4	**0.33 J**	<3.4	<4.5	<4.7	**0.2 J**	**2.6 JJ**	**1.6 J**	**0.22 J**	<5.3	<4.6	<4.4	<4.9	**0.35 J**	<4.9	<5	**0.25 J**
Naphthalene (TO-17)	0.36	NS	**0.54**	**0.094 J**	**0.078**	**0.087**	NS	**0.077 J**	**0.2**	NS	**0.095**	**0.069**	NS	NS	**0.16**	**0.18**	**0.095**	NS	**0.082**	**0.15**	NS	<0.068	<0.063
Propylbenzene	4400	<0.82	<0.9	<0.77	**0.2 J**	<0.81	<0.82	<0.84	<0.65	<0.84	<0.88	<0.75	<0.79	<0.74	<0.72	<0.99	<0.86	<0.83	<0.92	<0.75	<0.92	<0.94	<0.85
Styrene	4400	**10**	**0.16 J**	**0.25 J**	**0.29 J**	<0.7	**0.22 J**	**0.2 J**	**0.23 J**	**0.4 J**	**0.22 J**	**0.41 J**	**0.87 J**	**0.39 JJ**	**0.26 J**	**0.26 J**	**0.42 J**	**1**	**0.37 J**	**0.91**	**0.52 J**	<0.81	<0.74
Tetrachloroethene	47	<1.1	<1.2	<1	<1	<1.1	<1.1	<1.2	<0.9	<1.2	<1.2	<1	<1.1	<1	<0.99	<1.4	<1.2	<1.1	<1.3	<1	<1.3	<1.3	<1.2
Tetrahydrofuran	8800	**3.2**	<2.7	<2.3	<2.3	<2.4 UJ J	<2.5	<2.5	<1.9	<2.5	<2.6	<2.2	<2.4	<2.2	<2.2	<3	<2.6	<2.5	<2.8	<2.2	<2.8	<2.8	<2.6
trans-1,2-Dichloroethene	---	<0.66	<0.72	<0.62	<0.62	<0.65	<0.66	<0.68	<0.52	<0.68	<0.71	<0.6	<0.63	<0.6	<0.58	<0.8	<0.7	<0.67	<0.74	<0.61	<0.74	<0.76	<0.68
trans-1,3-Dichloropropene	---	<0.75	<0.83	<0.71	<0.71	<0.74	<0.76	<0.78	<0.6	<0.78	<0.81	<0.69	<0.73	<0.68	**0.16 J**	<0.91	<0.8	<0.77	<0.85	<0.69	<0.85	<0.87	<0.78
Trichloroethene	3	**0.27 J**	<0.98	<0.84	**0.64 J**	<0.88	<0.9	<0.92	<0.71	**1.3**	<0.96	<0.82	<0.86	**1**	<0.78	<1.1	<0.94	<0.91	<1	<0.82	<1	<1	<0.93
Vinyl Chloride	2.8	<0.42	<0.47	<0.4	<0.4	<0.42	<0.43	<0.44	<0.34	<0.44	<0.46	<0.39	<0.41	<0.38	<0.37	<0.51	<0.45	<0.43	<0.48	<0.39	<0.48	<0.49	<0.44

Notes:

[1] for this sample round, ambient air sample B18AA (see Table 8) was collected as the ambient air sample for indoor air sample B30IA-1 collected on July 9, 2016.

[2] For this sample round, ambient air sample B3042AA was collected as the ambient air sample for Building 30 and Building 42.

Detected results are shown in bold. Values which exceed the screening level are shown shaded.

---: The USEPA has not developed a vapor intrusion screening level for this parameter.

NS: No Sample Results

J: Indicates an estimated value

JJ: Indicates field duplicate precision criteria was not met.

J0: Indicates an estimated value due to bias in the CCV

Table 11
Building 42 Sub-Slab Soil Gas Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Sub-Slab Screening Level (ug/m^3)	Sample ID/Sample Date								
		B42SSV-1			B42SSV-2			B42SSV-3		
		10/10/2015	10/28/2015	1/31/2016	10/10/2015	10/28/2015	1/31/2016	10/10/2015	10/28/2015	1/31/2016
		Analytical Result (ug/m^3)								
Building 5 Area COCs										
Benzene	52	NS	**1.2 J**	**6 J**	NS	**11**	<3.6	NS	**1.4 J**	<3.6
Ethylbenzene	160	NS	**5.5**	**11 J**	NS	<11	<4.9	NS	**1.5 J**	<4.9
Toluene	730000	NS	**14**	**13 J**	NS	**7.5 J**	**1.4 J**	NS	**4.4**	**2.8 J**
Total Xylenes	15000	NS	**14.4 J**	**34 J**	NS	**4.4 J**	<4.9	NS	**4 J**	**4.1 J**
Acetone	4500000	NS	**56**	**84 J**	NS	**670**	**22 J**	NS	**110**	**20 J**
Methyl Isobutyl Ketone	440000	NS	**2 J**	<19	NS	**12**	<4.6	NS	**4.5 J**	<4.6
Isopropyl Alcohol	29000	NS	**20**	**2400**	NS	**110**	**12**	NS	**28**	**290**
Methanol	2900000	<150	NS	<160	<150	NS	<150	<160	NS	<150
Methane	0.5	**0.00011 J**	NS	**0.000071 J**	**0.0002 J**	NS	**0.00025**	**0.0002 J**	NS	**0.0002 J**
Other TO-15 Compounds										
1,1,1-Trichloroethane	730000	NS	<6	<26	NS	<13	<6.2	NS	<6	<6.2
1,1,2,2-Tetrachloroethane	7	NS	<7	<32	NS	<17	<7.8	NS	<7	<7.8
1,1,2-Trichloroethane	26	NS	<6	<26	NS	<13	<6.2	NS	<6	<6.2
1,1-Dichloroethane	260	NS	<4	<19	NS	<9	<4.6	NS	<4	<4.6
1,1-Dichloroethene	29000	NS	<4	<19	NS	<9	<4.5	NS	<4	<4.5
1,2,4-Trichlorobenzene	290	NS	**2.3 J**	<140	NS	<72	<34	NS	<34	<34
1,2,4-Trimethylbenzene	1000	NS	**1.5 J**	<23	NS	<12	<5.6	NS	**1.6 J**	<5.6
1,2-Dibromoethane (EDB)	0.68	NS	<8	<36	NS	<19	<8.7	NS	<8	<8.7
1,2-Dichlorobenzene	29000	NS	<6	<28	NS	<15	<6.8	NS	<6	<6.8
1,2-Dichloroethane	16	NS	<4	<19	NS	<9	<4.6	NS	<4	<4.6
1,2-Dichloropropane	41	NS	<5	<22	NS	<11	<5.2	NS	<5	<5.2
1,3,5-Trimethylbenzene	---	NS	<5	<23	NS	<12	<5.6	NS	<5	<5.6
1,3-Butadiene	14	NS	<2	<10	NS	<5	<2.5	NS	<2	<2.5
1,3-Dichlorobenzene	---	NS	<6	**46**	NS	<15	<6.8	NS	<6	**3.8 J**
1,4-Dichlorobenzene	37	NS	<6	<28	NS	<15	<6.8	NS	**2.3 J**	<6.8
1,4-Dioxane	82	NS	**3.3 J**	<68	NS	<35	<16	NS	**12 J**	<16
2,2,4-Trimethylpentane	---	NS	**1.1 J**	**5.1 J**	NS	<11	<5.3	NS	<5	**1 J**
2-Butanone (Methyl Ethyl Ketone)	730000	NS	**8.5 J**	**33 J**	NS	**120**	**3.9 J**	NS	**32**	**6.3 J**
2-Hexanone	4400	NS	**2.2 J**	<78	NS	**60**	<18	NS	**15 J**	<18
3-Chloropropene	68	NS	<14	<59	NS	<31	<14	NS	<14	<14
4-Ethyltoluene	---	NS	**3.7 J**	**6.5 J**	NS	<12	<5.6	NS	<5	<5.6
alpha-Chlorotoluene	8.3	NS	<5	<24	NS	<13	<5.8	NS	<5	<5.9
Bromodichloromethane	11	NS	<7	<32	NS	<16	<7.6	NS	<7	<7.6
Bromoform	370	NS	<12	<49	NS	<25	<12	NS	<12	<12
Bromomethane	730	NS	<44	<180	NS	<95	<44	NS	<44	<44
Carbon Disulfide	100000	NS	**15**	<59	NS	**2.7 J**	**3.6 J**	NS	**18**	<14
Carbon Tetrachloride	68	NS	<7	<30	NS	<15	<7.1	NS	<7	<7.1
Chlorobenzene	7300	NS	<5	<22	NS	<11	<5.2	NS	<5	<5.2
Chloroethane	1500000	NS	<12	<50	NS	<26	<12	NS	<12	<12
Chloroform	18	NS	<5	<23	NS	<12	<5.5	NS	<5	<5.5
Chloromethane	13000	NS	<24	<98	NS	<50	<23	NS	<24	<23
cis-1,2-Dichloroethene	---	NS	<4	<19	NS	<9	<4.5	NS	<4	<4.5
cis-1,3-Dichloropropene	---	NS	<5	<22	NS	<11	<5.1	NS	<5	<5.2
Cumene	58000	NS	<5	<23	NS	<12	<5.6	NS	<5	<5.6

Table 11
Building 42 Sub-Slab Soil Gas Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Sub-Slab Screening Level (ug/m^3)	Sample ID/Sample Date								
		B42SSV-1			B42SSV-2			B42SSV-3		
		10/10/2015	10/28/2015	1/31/2016	10/10/2015	10/28/2015	1/31/2016	10/10/2015	10/28/2015	1/31/2016
		Analytical Result (ug/m^3)								
Cyclohexane	880000	NS	<3	<16	NS	<8	<3.9	NS	<3	<3.9
Dibromochloromethane	---	NS	<9	<40	NS	<21	<9.6	NS	<9	<9.7
Ethanol	---	NS	**27**	**1300**	NS	**300**	**94**	NS	**150**	**290**
Freon 11	---	NS	**3.1 J**	<27	NS	**3.2 J**	<6.3	NS	**3.4 J**	**1.4 J**
Freon 113	4400000	NS	<8	<36	NS	<19	<8.7	NS	**1.2 J**	<8.7
Freon 114	---	NS	<8	<33	NS	<17	<7.9	NS	<8	<7.9
Freon 12	15000	NS	**4 J**	<23	NS	**5.4 J**	**3 J**	NS	**3.8 J**	**3 J**
Heptane	---	NS	**3.4 J**	<19	NS	**9.8 J**	**3 J**	NS	**2.4 J**	**2.5 J**
Hexachlorobutadiene	19	NS	<49	<200	NS	<100	<48	NS	<49	<48
Hexane	100000	NS	**1.6 J**	<17	NS	**4 J**	<4	NS	**2.2 J**	<4
Methyl tert-butyl ether	1600	NS	<4	<17	NS	<8	<4.1	NS	<4	<4.1
Methylene Chloride	41000	NS	**4.3 J**	<160	NS	<85	<39	NS	**4.4 J**	<39
Naphthalene (TO-15)	12	NS	**1.3 J**	<50	NS	**0.48 J**	<12	NS	**0.36 J**	<12
Naphthalene (TO-17)	12	NS	NS	**1.3 J**	NS	NS	**7.5**	NS	NS	<2.5
Propylbenzene	150000	NS	<5	**3.4 J**	NS	<12	<5.6	NS	<5	<5.6
Styrene	150000	NS	**1.2 J**	**3.8 J**	NS	<10	<4.8	NS	**3.7 J**	<4.8
Tetrachloroethene	1600	NS	<7	<32	NS	<16	<7.7	NS	<7	<7.7
Tetrahydrofuran	290000	NS	**2.1 J**	<14	NS	**7.2**	**12**	NS	**3.9**	**4.9**
trans-1,2-Dichloroethene	---	NS	<4	<19	NS	<9	<4.5	NS	<4	<4.5
trans-1,3-Dichloropropene	---	NS	<5	<22	NS	<11	<5.1	NS	<5	<5.2
Trichloroethene	100	NS	**2.3 J**	<25	NS	**6.9 J**	<6.1	NS	<6	<6.1
Vinyl Chloride	93	NS	<2	<12	NS	<6	<2.9	NS	<2	<2.9

Notes:

Detected results are shown in bold. Values which exceed the screening level are shown shaded.

---: The USEPA has not developed a vapor intrusion screening level for this parameter.

NS: No Sample Results

J: Indicates an estimated value

Methanol and methane results from the October 2015 sampling were reported from samples collected on October 10th.

Table 12
Building 42 Indoor Air Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

Compound	Industrial Indoor Air Screening Level (ug/m^3)	Sample ID/Sample Date							
		B42IA-1		B42IA-2		B42IA-3		B3042AA	
		10/18/2015	1/31/2016	10/18/2015	1/31/2016	10/18/2015	1/31/2016	10/18/2015	1/31/2016
		Indoor Air						Ambient Air	
		Analytical Result (ug/m^3)							
Building 5 Area COCs									
Benzene	1.6	**0.5 J**	**0.39 J**	**0.31 J**	**0.59**	**0.35 J**	**0.26 J**	<0.6	**0.24 J**
Ethylbenzene	4.9	**0.66 J**	**0.27 J**	<0.68	**0.36 J**	<0.63	<0.74	**0.36 J**	<0.83
Toluene	22000	**3**	**2.1**	**2.3**	**4**	**1.5**	**1.2**	**2.2**	**0.29 J**
Total Xylenes	440	**2.98**	**1.2 J**	**1.58 J**	**1.43 J**	**1.38 J**	**0.38 J**	**1.4 J**	<0.83
Acetone	140000	**25**	**9.8**	**12**	**20**	**12**	**17**	**19**	**8.1**
Methyl Isobutyl Ketone	13000	<0.69	**0.3 J**	**0.25 J**	**0.28 J**	**0.29 J**	**0.24 J**	**0.28 J**	<0.78
Isopropyl Alcohol	880	**2.9**	**0.78 J**	**1.3 J**	**5.9**	**2.9**	**2.6**	**3.3**	**0.51 J**
Methanol	88000	<110	<130	<100	<120	<96	<110	<120	<120
Methane	0.5	**0.0002**	**0.00018 J**	**0.0002**	**0.00021**	**0.0002**	**0.00019**	**0.0002**	**0.0002**
Other TO-15 Compounds									
1,1,1-Trichloroethane	22000	<0.92	<1.1	<0.86	<0.98	<0.8	<0.93	<1	<1
1,1,2,2-Tetrachloroethane	0.21	<1.2	<1.3	<1.1	<1.2	<1	<1.2	<1.3	<1.3
1,1,2-Trichloroethane	0.77	<0.92	<1.1	<0.86	<0.98	<0.8	<0.93	<1	<1
1,1-Dichloroethane	7.7	<0.68	<0.79	<0.64	<0.72	<0.59	<0.69	<0.76	<0.77
1,1-Dichloroethene	880	<0.67	<0.78	<0.62	<0.71	<0.58	<0.68	<0.74	<0.76
1,2,4-Trichlorobenzene	8.8	<6.2 J	<7.3	<5.8 J	<6.6	<5.4 J	<6.3	<7 J	<7.1
1,2,4-Trimethylbenzene	31	**0.75 J**	**0.35 J**	**0.36 J**	**0.34 J**	**0.34 J**	<0.84	<0.92	<0.94
1,2-Dibromoethane (EDB)	0.02	<1.3	<1.5	<1.2	<1.4	<1.1	<1.3	<1.4	<1.5
1,2-Dichlorobenzene	880	<1	<1.2	<0.94	<1.1	<0.88	<1	<1.1	<1.1
1,2-Dichloroethane	0.47	<0.68	<0.79	<0.64	<0.72	<0.59	<0.69	<0.76	<0.77
1,2-Dichloropropane	1.2	<0.78	<0.9	<0.72	**0.44 J**	<0.67	<0.79	<0.87	<0.88
1,3,5-Trimethylbenzene	---	**0.38 J**	<0.96	<0.77	<0.88	**0.21 J**	<0.84	<0.92	<0.94
1,3-Butadiene	0.41	<0.37	<0.43	<0.35	**0.11 J**	<0.32	<0.38	<0.42	<0.42
1,3-Dichlorobenzene	---	<1	<1.2	<0.94	<1.1	<0.88	<1	<1.1	<1.1
1,4-Dichlorobenzene	1.1	**0.64 J**	<1.2	<0.94	<1.1	<0.88	<1	<1.1	**0.22 J**
1,4-Dioxane	2.5	<0.6	<0.71	<0.56	<0.64	<0.53	<0.62	<0.68	<0.69
2,2,4-Trimethylpentane	---	**0.52 J**	<4.6	**0.31 J**	<4.2	**1.5 J**	**0.96 J**	**0.54 J**	<4.5
2-Butanone (Methyl Ethyl Ketone)	22000	**6**	**2.1 J**	**2.2 J**	**4.1**	**1.7 J**	**3.2**	**4.8**	**1.1 J**
2-Hexanone	130	<3.4	<4	<3.2	<3.7	<3	<3.5	<3.8	<3.9
3-Chloropropene	2	<2.6	<3.1	<2.4	<2.8	<2.3	<2.7	<2.9	<3
4-Ethyltoluene	---	**0.56 J**	**0.38 J**	**0.36 J**	**0.34 J**	**0.35 J**	**0.18 J**	<0.92	<0.94
alpha-Chlorotoluene	0.25	<4.3	<1	<4.1	<0.93	<3.8	<0.88	<4.9	<0.99
Bromodichloromethane	0.33	<1.1	<1.3	<1	<1.2	<0.98	<1.1	<1.2	<1.3
Bromoform	11	<1.7	<2	<1.6	<1.8	<1.5	<1.8	<1.9	<2
Bromomethane	22	<3.3	<3.8	<3	<3.5	<2.8	<3.3	<3.6	<3.7
Carbon Disulfide	3100	**22**	**1.3 J**	<2.4	**1.4 J**	<2.3	**1.2 J**	<2.9	**0.99 J**
Carbon Tetrachloride	2	**0.73 J**	**0.46 J**	**0.49 J**	**0.37 J**	**0.41 J**	**0.44 J**	**0.69 J**	**0.48 J**
Chlorobenzene	220	<0.77	<0.9	<0.72	<0.82	<0.67	<0.79	<0.86	<0.88
Chloroethane	44000	<2.2	<2.6	<2.1	<2.4	<1.9	<2.2	<2.5	<2.5
Chloroform	0.53	<0.82	<0.96	<0.77	<0.87	<0.71	<0.83	<0.92	<0.93
Chloromethane	390	**1.9**	**1.3 J**	**1.5 J**	**1.4 J**	**1.6**	**1.3 J**	**2.1**	**1.4 J**
cis-1,2-Dichloroethene	---	<0.67	<0.78	<0.62	<0.71	<0.58	<0.68	<0.74	<0.76
cis-1,3-Dichloropropene	---	<0.76	<0.89	<0.71	<0.81	<0.66	<0.78	<0.85	<0.87
Cumene	1800	<0.82	<0.96	**0.13 J**	<0.88	<0.72	<0.84	<0.92	<0.94

Table 12
Building 42 Indoor Air Sample Results
BMSMC Supplemental Vapor Intrusion Investigation Report
Bristol-Myers Squibb Manufacturing Company
Humacao, Puerto Rico

	Industrial Indoor Air Screening Level	Sample ID/Sample Date							
		B42IA-1		B42IA-2		B42IA-3		B3042AA	
		10/18/2015	1/31/2016	10/18/2015	1/31/2016	10/18/2015	1/31/2016	10/18/2015	1/31/2016
		Indoor Air						Ambient Air	
Cyclohexane	26000	**0.36 J**	<0.67	**0.3 J**	**0.38 J**	**0.18 J**	<0.59	<0.65	<0.66
Dibromochloromethane	---	<1.4	<1.7	<1.3	<1.5	<1.2	<1.4	<1.6	<1.6
Ethanol	---	**10**	**5.5 J0 J**	**6.1**	**25 J0 J**	**12**	**18 J0 J**	**4.9**	**4 J0 J**
Freon 11	---	**1.3**	**1.1**	**1.2**	**1.1**	**1.1**	**0.98**	**1.3**	**1.1**
Freon 113	130000	<1.3	**0.44 J**	**0.5 J**	**0.41 J**	**0.5 J**	**0.44 J**	**0.72 J**	**0.43 J**
Freon 114	---	<1.2	<1.4	<1.1	<1.2	<1	<1.2	<1.3	<1.3
Freon 12	440	**3.6 J**	**2**	**2.6 J**	**2**	**2.7 J**	**2**	**1.8 J**	**2**
Heptane	---	**0.71**	**0.4 J**	**0.43 J**	**0.42 J**	**0.55 J**	**0.39 J**	**0.88**	<0.78
Hexachlorobutadiene	0.56	<9	<10	<8.4	<9.5	<7.8	<9.1	<10	<10
Hexane	3100	**1.4**	**0.51 J**	**0.82**	**1.9**	**0.98**	<0.6	**1.6**	<0.67
Methyl tert-butyl ether	47	<0.6	<0.71	<0.57	<0.64	<0.53	<0.62	<0.68	<0.69
Methylene Chloride	1200	**2.5**	**0.31 J**	**1.5**	**1.3**	**3.3**	**2**	**0.92 J**	<1.3
Naphthalene (TO-15)	0.36	**1.3 J**	**0.59 J**	<4.1	**0.19 J**	<3.8	<4.5	<4.9	<5
Naphthalene (TO-17)	0.36	NS	**0.12**	NS	**0.1**	NS	**0.091**	NS	<0.068
Propylbenzene	4400	<0.82	<0.96	<0.77	<0.88	<0.72	<0.84	<0.92	<0.94
Styrene	4400	**0.27 J**	<0.83	**0.17 J**	**0.27 J**	**0.17 J**	<0.73	**0.52 J**	<0.81
Tetrachloroethene	47	<1.1	<1.3	<1.1	<1.2	<0.99	<1.2	<1.3	<1.3
Tetrahydrofuran	8800	**2.3 J**	**1.2 J**	<2.3	**12**	<2.2	**4.2**	<2.8	<2.8
trans-1,2-Dichloroethene	---	**0.73**	<0.78	<0.62	<0.71	<0.58	<0.68	<0.74	<0.76
trans-1,3-Dichloropropene	---	<0.76	<0.89	<0.71	<0.81	<0.66	<0.78	<0.85	<0.87
Trichloroethene	3	<0.9	<1	<0.84	**0.88 J**	<0.78	**0.37 J**	<1	<1
Vinyl Chloride	2.8	<0.43	<0.5	<0.4	<0.46	<0.37	<0.44	<0.48	<0.49

Notes:

[1] For this sample round, ambient air sample B3042AA was collected as the ambient air sample for Building 30 and Building 42.

Detected results are shown in bold. Values which exceed the screening level are shown shaded.

---: The USEPA has not developed a vapor intrusion screening level for this parameter.

NS: No Sample Results

J: Indicates an estimated value

J0: Indicates an estimated value due to bias in the continuing calibration verification.